

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013833.D
 Acq On : 23 May 2023 13:15
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 24 05:07:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/24/2023
 Supervised By :Mahesh Dadoda 05/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	272812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	420050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	453587	143.714	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 287.420%#			
35) Dibromofluoromethane	7.722	113	397081	146.378	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 292.760%#			
50) Toluene-d8	10.185	98	1468204	142.404	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 284.800%#			
62) 4-Bromofluorobenzene	12.483	95	484771	141.453	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 282.900%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	426778	170.784	ug/l	97
3) Chloromethane	2.113	50	501682	164.790	ug/l	100
4) Vinyl Chloride	2.253	62	515411	165.550	ug/l	99
5) Bromomethane	2.650	94	430913	174.173	ug/l	99
6) Chloroethane	2.790	64	353137	174.070	ug/l	100
7) Trichlorofluoromethane	3.125	101	824198	157.297	ug/l	98
8) Diethyl Ether	3.534	74	254968	158.646	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	444820	156.601	ug/l	99
10) Methyl Iodide	4.095	142	602765	178.747	ug/l	99
11) Tert butyl alcohol	4.991	59	202690	838.331	ug/l	98
12) 1,1-Dichloroethene	3.875	96	436988	163.755	ug/l	93
13) Acrolein	3.735	56	266220	731.997	ug/l	98
14) Allyl chloride	4.485	41	824325	169.202	ug/l	99
15) Acrylonitrile	5.168	53	694456	842.754	ug/l	99
16) Acetone	3.954	43	747707	798.195	ug/l	100
17) Carbon Disulfide	4.198	76	1397723	175.472	ug/l	99
18) Methyl Acetate	4.479	43	535676	164.832	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	1228278	168.661	ug/l	99
20) Methylene Chloride	4.723	84	480195	149.637	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	476840	164.381	ug/l	98
22) Diisopropyl ether	6.125	45	1582482	168.235	ug/l	97
23) Vinyl Acetate	6.064	43	4884360	891.525	ug/l	99
24) 1,1-Dichloroethane	6.021	63	890772	162.212	ug/l	99
25) 2-Butanone	6.990	43	1014256	887.323	ug/l	97
26) 2,2-Dichloropropane	6.984	77	804443	162.630	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	535324	164.275	ug/l	97
28) Bromochloromethane	7.338	49	230891	143.248	ug/l	96
29) Tetrahydrofuran	7.356	42	611112	895.462	ug/l	100
30) Chloroform	7.509	83	877653	157.641	ug/l	98
31) Cyclohexane	7.789	56	787430	162.383	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	806836	158.857	ug/l	99
36) 1,1-Dichloropropene	7.923	75	674927	163.349	ug/l	99
37) Ethyl Acetate	7.076	43	435306	172.717	ug/l	98
38) Carbon Tetrachloride	7.905	117	734011	156.212	ug/l	99
39) Methylcyclohexane	9.185	83	833859	172.328	ug/l	98
40) Benzene	8.167	78	1891121	159.355	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013833.D
 Acq On : 23 May 2023 13:15
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 24 05:07:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2023
 Supervised By :Mahesh Dadoda 05/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	229268	166.723	ug/l	93
42) 1,2-Dichloroethane	8.240	62	599213	154.215	ug/l	99
43) Isopropyl Acetate	8.277	43	786888	171.332	ug/l	100
44) Trichloroethene	8.941	130	501730	156.926	ug/l	97
45) 1,2-Dichloropropane	9.222	63	481243	158.298	ug/l	97
46) Dibromomethane	9.307	93	276671	158.906	ug/l	98
47) Bromodichloromethane	9.496	83	656937	154.826	ug/l	100
48) Methyl methacrylate	9.295	41	383681	177.905	ug/l	99
49) 1,4-Dioxane	9.313	88	69602	3401.477	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	2063345	843.019	ug/l	99
52) Toluene	10.246	92	1145554	158.318	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	704175	163.038	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	780719	161.352	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	360303	153.820	ug/l	98
56) Ethyl methacrylate	10.508	69	539848	172.653	ug/l	98
57) 1,3-Dichloropropane	10.789	76	626001	156.922	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	741213	742.931	ug/l	99
59) 2-Hexanone	10.831	43	1472572	845.824	ug/l	100
60) Dibromochloromethane	10.984	129	454276	153.315	ug/l	100
61) 1,2-Dibromoethane	11.093	107	357158	160.284	ug/l	99
64) Tetrachloroethene	10.721	164	422407	157.639	ug/l	97
65) Chlorobenzene	11.514	112	1181614	155.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	452136	154.337	ug/l	99
67) Ethyl Benzene	11.593	91	2240841	164.052	ug/l	99
68) m/p-Xylenes	11.703	106	1675480	324.125	ug/l	100
69) o-Xylene	12.026	106	794538	163.175	ug/l	99
70) Styrene	12.044	104	1334362	161.779	ug/l	99
71) Bromoform	12.209	173	298674	155.989	ug/l #	97
73) Isopropylbenzene	12.331	105	2084757	168.976	ug/l	100
74) N-amyl acetate	12.142	43	666805	179.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	418954	164.038	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	313942m	160.620	ug/l	
77) Bromobenzene	12.611	156	485985	160.536	ug/l	97
78) n-propylbenzene	12.672	91	2531017	166.056	ug/l	100
79) 2-Chlorotoluene	12.758	91	1395153	163.871	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	1671497	164.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	157048	174.413	ug/l	98
82) 4-Chlorotoluene	12.855	91	1442560	163.934	ug/l	97
83) tert-Butylbenzene	13.075	119	1462398	164.872	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1656697	165.723	ug/l	99
85) sec-Butylbenzene	13.252	105	2158617	163.830	ug/l	99
86) p-Isopropyltoluene	13.367	119	1789491	164.322	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	922126	157.711	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	902347	155.014	ug/l	99
89) n-Butylbenzene	13.697	91	1739466	166.563	ug/l	99
90) Hexachloroethane	13.959	117	355852	159.150	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	814161	156.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	74432	166.344	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	545975	169.486	ug/l	99
94) Hexachlorobutadiene	15.111	225	314805	154.990	ug/l	99
95) Naphthalene	15.233	128	1158755	153.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	485759	169.565	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
Data File : VY013833.D
Acq On : 23 May 2023 13:15
Operator : KP/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/24/2023
Supervised By :Mahesh Dadoda 05/24/2023

Quant Time: May 24 05:07:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:01:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

