

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014407.D
 Acq On : 23 Jun 2023 15:03
 Operator : KP/MD
 Sample : VY0623SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 17:24:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	254849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	356413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164840	52.096	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.200%			
35) Dibromofluoromethane	7.716	113	120526	51.520	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.040%			
50) Toluene-d8	10.179	98	476310	51.220	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.477	95	167719	50.519	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53459	22.598	ug/l	95
3) Chloromethane	2.113	50	49504	21.384	ug/l	100
4) Vinyl Chloride	2.247	62	53383	21.157	ug/l	95
5) Bromomethane	2.631	94	46069	20.780	ug/l	93
6) Chloroethane	2.784	64	35120	21.013	ug/l	99
7) Trichlorofluoromethane	3.119	101	103544	20.785	ug/l	92
8) Diethyl Ether	3.527	74	32216	21.211	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	47417	20.140	ug/l	96
10) Methyl Iodide	4.088	142	58251	20.519	ug/l	95
11) Tert butyl alcohol	4.954	59	66562	156.267	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	48184	20.523	ug/l	97
13) Acrolein	3.729	56	46919	113.358	ug/l	98
14) Allyl chloride	4.478	41	76332	20.357	ug/l	93
15) Acrylonitrile	5.161	53	91703	107.976	ug/l	99
16) Acetone	3.948	43	96579	97.000	ug/l	100
17) Carbon Disulfide	4.192	76	151779	20.890	ug/l	99
18) Methyl Acetate	4.472	43	71799	20.976	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	150126	20.789	ug/l	96
20) Methylene Chloride	4.716	84	73953	22.683	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	52227	20.231	ug/l	98
22) Diisopropyl ether	6.112	45	147714	19.823	ug/l	98
23) Vinyl Acetate	6.057	43	403627m	106.091	ug/l	
24) 1,1-Dichloroethane	6.015	63	89598	20.249	ug/l	99
25) 2-Butanone	6.984	43	129156	104.148	ug/l	94
26) 2,2-Dichloropropane	6.978	77	94803	20.262	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	57627	19.830	ug/l	99
28) Bromochloromethane	7.326	49	39632	20.537	ug/l #	81
29) Tetrahydrofuran	7.344	42	79994	108.179	ug/l	91
30) Chloroform	7.502	83	102025	20.440	ug/l	97
31) Cyclohexane	7.783	56	76129	19.479	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	97275	20.474	ug/l	99
36) 1,1-Dichloropropene	7.917	75	72194	20.026	ug/l	99
37) Ethyl Acetate	7.076	43	51043	20.545	ug/l #	97
38) Carbon Tetrachloride	7.899	117	92889	20.476	ug/l	99
39) Methylcyclohexane	9.185	83	84008	20.255	ug/l	92
40) Benzene	8.155	78	206493	20.224	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014407.D
 Acq On : 23 Jun 2023 15:03
 Operator : KP/MD
 Sample : VY0623SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 17:24:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27313m	22.183	ug/l	
42) 1,2-Dichloroethane	8.234	62	80887	20.895	ug/l	98
43) Isopropyl Acetate	8.270	43	91515	20.861	ug/l	97
44) Trichloroethene	8.935	130	58328	19.897	ug/l	98
45) 1,2-Dichloropropane	9.215	63	48310	20.067	ug/l	100
46) Dibromomethane	9.301	93	33182	20.169	ug/l	97
47) Bromodichloromethane	9.496	83	77579	20.232	ug/l	96
48) Methyl methacrylate	9.295	41	42615	20.915	ug/l	95
49) 1,4-Dioxane	9.301	88	10770	418.673	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	266313	107.560	ug/l	97
52) Toluene	10.240	92	134567	20.483	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	83977	20.200	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	85899	20.032	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	45330	20.576	ug/l	95
56) Ethyl methacrylate	10.508	69	65897	20.945	ug/l	94
57) 1,3-Dichloropropane	10.788	76	74490	20.103	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	158803	107.754	ug/l	93
59) 2-Hexanone	10.831	43	198117	106.189	ug/l	97
60) Dibromochloromethane	10.983	129	60847	20.821	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46229	21.076	ug/l	98
64) Tetrachloroethene	10.715	164	61554	20.295	ug/l	97
65) Chlorobenzene	11.514	112	146025	19.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	59358	20.125	ug/l	98
67) Ethyl Benzene	11.593	91	260267	19.961	ug/l	97
68) m/p-Xylenes	11.703	106	206040	40.458	ug/l	98
69) o-Xylene	12.026	106	97491	20.119	ug/l	99
70) Styrene	12.044	104	165793	19.962	ug/l	99
71) Bromoform	12.209	173	45502	20.874	ug/l #	99
73) Isopropylbenzene	12.331	105	257956	19.774	ug/l	100
74) N-amyl acetate	12.142	43	84345	20.416	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	57879	20.761	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	46636m	19.190	ug/l	
77) Bromobenzene	12.605	156	68659	20.242	ug/l	94
78) n-propylbenzene	12.672	91	313301	19.907	ug/l	98
79) 2-Chlorotoluene	12.757	91	179291	19.947	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	228715	20.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	21707	20.335	ug/l	95
82) 4-Chlorotoluene	12.855	91	191543	20.004	ug/l	98
83) tert-Butylbenzene	13.074	119	192818	19.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	225251	20.144	ug/l	100
85) sec-Butylbenzene	13.251	105	279701	19.993	ug/l	98
86) p-Isopropyltoluene	13.367	119	246348	20.338	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	132341	20.229	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	134230	20.409	ug/l	99
89) n-Butylbenzene	13.696	91	220890	19.959	ug/l	98
90) Hexachloroethane	13.958	117	45847	19.896	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	121062	20.270	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12877	20.898	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	80119	20.648	ug/l	99
94) Hexachlorobutadiene	15.111	225	48245	20.699	ug/l	96
95) Naphthalene	15.233	128	168872	20.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	72238	20.445	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
Data File : VY014407.D
Acq On : 23 Jun 2023 15:03
Operator : KP/MD
Sample : VY0623SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 17:24:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

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

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

