

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018431.D
 Acq On : 03 Jun 2024 11:00
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 05:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:22:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	55494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	78909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	23584	21.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	43.280%#		
35) Dibromofluoromethane	7.710	113	23883	21.409	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.820%#		
50) Toluene-d8	10.173	98	97818	22.041	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	44.080%#		
62) 4-Bromofluorobenzene	12.477	95	30578	22.129	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	44.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20509	23.270	ug/l	98
3) Chloromethane	2.101	50	42639	25.942	ug/l	93
4) Vinyl Chloride	2.241	62	46302	23.552	ug/l	98
5) Bromomethane	2.631	94	30337	23.129	ug/l	97
6) Chloroethane	2.778	64	28428	22.902	ug/l	92
7) Trichlorofluoromethane	3.113	101	45994	22.611	ug/l	99
8) Diethyl Ether	3.522	74	13795	22.539	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	25956	21.914	ug/l	94
10) Methyl Iodide	4.076	142	25832	22.204	ug/l	96
11) Tert butyl alcohol	4.954	59	16568	92.749	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	26232	22.532	ug/l	97
13) Acrolein	3.717	56	8891	79.703	ug/l	99
14) Allyl chloride	4.454	41	38870	22.797	ug/l	94
15) Acrylonitrile	5.149	53	30496	108.955	ug/l	98
16) Acetone	3.936	43	24048	99.419	ug/l	91
17) Carbon Disulfide	4.174	76	79375	23.242	ug/l	96
18) Methyl Acetate	4.466	43	13870	22.931	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	62346	22.221	ug/l	99
20) Methylene Chloride	4.698	84	31396	20.894	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	28720	23.117	ug/l	97
22) Diisopropyl ether	6.100	45	81360	23.431	ug/l	93
23) Vinyl Acetate	6.052	43	255090	112.884	ug/l #	93
24) 1,1-Dichloroethane	5.997	63	48872	22.566	ug/l	94
25) 2-Butanone	6.978	43	38207	103.107	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	40923	21.499	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	32135	22.236	ug/l	94
28) Bromochloromethane	7.320	49	21068	21.139	ug/l	83
29) Tetrahydrofuran	7.338	42	26772	111.248	ug/l	87
30) Chloroform	7.496	83	49341	22.715	ug/l	99
31) Cyclohexane	7.777	56	46831	23.047	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	42100	22.129	ug/l	96
36) 1,1-Dichloropropene	7.911	75	36852	21.665	ug/l	99
37) Ethyl Acetate	7.064	43	18005	21.188	ug/l	98
38) Carbon Tetrachloride	7.893	117	35669	20.926	ug/l	94
39) Methylcyclohexane	9.179	83	51021	22.188	ug/l	96
40) Benzene	8.155	78	112914	22.155	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018431.D
 Acq On : 03 Jun 2024 11:00
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 05:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:22:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	8557	18.757	ug/l	96
42) 1,2-Dichloroethane	8.228	62	27071	21.847	ug/l	99
43) Isopropyl Acetate	8.265	43	32710	20.586	ug/l	96
44) Trichloroethene	8.935	130	27094	21.452	ug/l	96
45) 1,2-Dichloropropane	9.210	63	25309	21.714	ug/l	100
46) Dibromomethane	9.301	93	14569	21.801	ug/l	90
47) Bromodichloromethane	9.490	83	34447	21.474	ug/l	95
48) Methyl methacrylate	9.283	41	16032	21.931	ug/l	87
49) 1,4-Dioxane	9.301	88	3650	415.921	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	91246	110.594	ug/l	91
52) Toluene	10.240	92	69239	22.088	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	32145	21.821	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	39653	21.862	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	18910	21.750	ug/l	95
56) Ethyl methacrylate	10.508	69	27439	22.427	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	33579	22.750	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	66793	101.663	ug/l	95
59) 2-Hexanone	10.825	43	63295	111.015	ug/l	92
60) Dibromochloromethane	10.977	129	22044	20.753	ug/l	100
61) 1,2-Dibromoethane	11.081	107	18121	22.133	ug/l	94
64) Tetrachloroethene	10.715	164	23768	20.449	ug/l #	90
65) Chlorobenzene	11.514	112	71683	21.183	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23129	21.138	ug/l	97
67) Ethyl Benzene	11.587	91	133817	21.726	ug/l	99
68) m/p-Xylenes	11.697	106	100747	43.439	ug/l	97
69) o-Xylene	12.026	106	47240	21.159	ug/l	95
70) Styrene	12.038	104	79284	21.735	ug/l	97
71) Bromoform	12.209	173	11160	19.360	ug/l #	97
73) Isopropylbenzene	12.325	105	125841	21.857	ug/l	99
74) N-amyl acetate	12.142	43	31221	22.278	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	23172	22.864	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	14413m	20.942	ug/l	
77) Bromobenzene	12.605	156	25757	21.070	ug/l	91
78) n-propylbenzene	12.666	91	152371	22.051	ug/l	98
79) 2-Chlorotoluene	12.752	91	82305	21.909	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	98112	21.880	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7122	21.628	ug/l	93
82) 4-Chlorotoluene	12.849	91	84472	22.346	ug/l	97
83) tert-Butylbenzene	13.069	119	91328	22.025	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	97996	22.323	ug/l	97
85) sec-Butylbenzene	13.251	105	135936	22.261	ug/l	99
86) p-Isopropyltoluene	13.367	119	107971	21.908	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	51423	21.326	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	51085	21.565	ug/l	97
89) n-Butylbenzene	13.690	91	104508	22.315	ug/l	98
90) Hexachloroethane	13.959	117	20234	21.904	ug/l	80
91) 1,2-Dichlorobenzene	13.733	146	45510	21.689	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3223	20.898	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	23659	20.848	ug/l	96
94) Hexachlorobutadiene	15.105	225	12299	20.406	ug/l	94
95) Naphthalene	15.233	128	46923	20.588	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	19338	20.141	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018431.D
Acq On : 03 Jun 2024 11:00
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 05:27:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 05:22:03 2024
Response via : Initial Calibration

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

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

