

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018519.D
 Acq On : 07 Jun 2024 10:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 07 23:08:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	44452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	65124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	47689	54.629	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.260%			
35) Dibromofluoromethane	7.710	113	46504	52.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.980%			
50) Toluene-d8	10.173	98	184689	52.897	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.800%			
62) 4-Bromofluorobenzene	12.477	95	58266	53.598	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29884	42.330	ug/l	93
3) Chloromethane	2.107	50	69716	52.952	ug/l	98
4) Vinyl Chloride	2.241	62	81804	51.946	ug/l	100
5) Bromomethane	2.644	94	53769	51.177	ug/l	98
6) Chloroethane	2.784	64	54439	54.752	ug/l	98
7) Trichlorofluoromethane	3.113	101	81077	49.760	ug/l	96
8) Diethyl Ether	3.515	74	23096	47.110	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.881	101	44539	46.944	ug/l	92
10) Methyl Iodide	4.076	142	46288	49.669	ug/l	96
11) Tert butyl alcohol	4.936	59	15901	130.009	ug/l #	70
12) 1,1-Dichloroethene	3.857	96	44097	47.287	ug/l	90
13) Acrolein	3.717	56	21440	239.940	ug/l	98
14) Allyl chloride	4.460	41	68847	50.409	ug/l	95
15) Acrylonitrile	5.143	53	54164	241.585	ug/l	98
16) Acetone	3.936	43	58432	301.576	ug/l #	84
17) Carbon Disulfide	4.180	76	134130	49.031	ug/l	99
18) Methyl Acetate	4.460	43	22848	47.157	ug/l	92
19) Methyl tert-butyl Ether	5.198	73	107304	47.744	ug/l	97
20) Methylene Chloride	4.698	84	53921	50.698	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	48714	48.951	ug/l	93
22) Diisopropyl ether	6.106	45	149980	53.923	ug/l	92
23) Vinyl Acetate	6.045	43	485784	268.371	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	87139	50.229	ug/l	98
25) 2-Butanone	6.972	43	78817	265.535	ug/l	91
26) 2,2-Dichloropropane	6.966	77	71294	46.758	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	56038	48.408	ug/l	92
28) Bromochloromethane	7.326	49	43790	54.852	ug/l #	77
29) Tetrahydrofuran	7.338	42	48413	251.147	ug/l #	85
30) Chloroform	7.490	83	87037	50.022	ug/l	93
31) Cyclohexane	7.777	56	81931	50.337	ug/l	92
32) 1,1,1-Trichloroethane	7.692	97	73005	47.905	ug/l	94
36) 1,1-Dichloropropene	7.905	75	67232	50.241	ug/l	96
37) Ethyl Acetate	7.064	43	34419	51.486	ug/l	95
38) Carbon Tetrachloride	7.887	117	63060	47.025	ug/l	96
39) Methylcyclohexane	9.179	83	88475	48.907	ug/l	92
40) Benzene	8.149	78	201667	50.296	ug/l	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	17027	52.363	ug/l	88
42) 1,2-Dichloroethane	8.228	62	50236	51.534	ug/l	99
43) Isopropyl Acetate	8.265	43	63014	50.411	ug/l	90
44) Trichloroethene	8.935	130	46773	47.073	ug/l	92
45) 1,2-Dichloropropane	9.210	63	47866	52.200	ug/l	95
46) Dibromomethane	9.301	93	26704	50.793	ug/l	88
47) Bromodichloromethane	9.490	83	64040	50.745	ug/l #	97
48) Methyl methacrylate	9.289	41	29083	50.569	ug/l #	85
49) 1,4-Dioxane	9.289	88	6182	895.428	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	165287	254.647	ug/l	93
52) Toluene	10.240	92	127827	51.834	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	60227	51.968	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	71986	50.447	ug/l #	87
55) 1,1,2-Trichloroethane	10.636	97	34655	50.666	ug/l	98
56) Ethyl methacrylate	10.508	69	49478	51.405	ug/l #	80
57) 1,3-Dichloropropane	10.782	76	62022	53.413	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	135670	262.483	ug/l	94
59) 2-Hexanone	10.831	43	124577	277.738	ug/l	89
60) Dibromochloromethane	10.978	129	40357	48.295	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31539	48.966	ug/l	100
64) Tetrachloroethene	10.715	164	43030	44.857	ug/l	95
65) Chlorobenzene	11.514	112	131233	46.990	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	41746	46.228	ug/l	98
67) Ethyl Benzene	11.587	91	246540	48.500	ug/l	98
68) m/p-Xylenes	11.697	106	186111	97.231	ug/l	96
69) o-Xylene	12.026	106	85436	46.368	ug/l	92
70) Styrene	12.038	104	147632	49.038	ug/l	98
71) Bromoform	12.203	173	21482	45.155	ug/l #	95
73) Isopropylbenzene	12.325	105	234581	46.560	ug/l	99
74) N-amyl acetate	12.142	43	59595	48.595	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	40079	45.190	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	27261m	45.029	ug/l	
77) Bromobenzene	12.605	156	46828	43.776	ug/l	89
78) n-propylbenzene	12.666	91	289099	47.809	ug/l	97
79) 2-Chlorotoluene	12.752	91	156735	47.678	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	185239	47.207	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12327	42.778	ug/l	89
82) 4-Chlorotoluene	12.855	91	158580	47.938	ug/l	97
83) tert-Butylbenzene	13.075	119	167962	46.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	186735	48.608	ug/l	97
85) sec-Butylbenzene	13.252	105	257154	48.122	ug/l	99
86) p-Isopropyltoluene	13.367	119	209844	48.655	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	99480	47.144	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	95984	46.302	ug/l	97
89) n-Butylbenzene	13.697	91	205483	50.138	ug/l	98
90) Hexachloroethane	13.959	117	37575	46.482	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	85283	46.445	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5681	42.094	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	43033	43.333	ug/l	96
94) Hexachlorobutadiene	15.111	225	21963	41.642	ug/l	96
95) Naphthalene	15.233	128	84900	42.568	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	35422	42.158	ug/l	97

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

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