

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018265.D
 Acq On : 15 May 2024 10:15
 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 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

Quant Time: May 16 03:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76932	52.264	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.520%			
35) Dibromofluoromethane	7.716	113	86369	48.807	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.620%			
50) Toluene-d8	10.179	98	349003	50.048	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.483	95	105895	47.023	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	79239	49.936	ug/l	100
3) Chloromethane	2.107	50	115732	54.485	ug/l	98
4) Vinyl Chloride	2.247	62	140045	54.388	ug/l	98
5) Bromomethane	2.644	94	93355	52.205	ug/l	99
6) Chloroethane	2.790	64	88433	54.115	ug/l	99
7) Trichlorofluoromethane	3.119	101	153991	51.057	ug/l	99
8) Diethyl Ether	3.522	74	49883	50.241	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	97293	50.616	ug/l	99
10) Methyl Iodide	4.082	142	110287	49.134	ug/l	100
11) Tert butyl alcohol	4.936	59	35281	273.828	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	99339	51.337	ug/l	95
13) Acrolein	3.723	56	33081	229.606	ug/l	97
14) Allyl chloride	4.473	41	128815	52.328	ug/l	99
15) Acrylonitrile	5.155	53	96862	253.682	ug/l	99
16) Acetone	3.942	43	89112	303.358	ug/l	94
17) Carbon Disulfide	4.192	76	274320	52.074	ug/l	98
18) Methyl Acetate	4.479	43	39480	47.181	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	214554	49.775	ug/l	97
20) Methylene Chloride	4.710	84	104103	50.139	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	104899	51.141	ug/l	97
22) Diisopropyl ether	6.113	45	267311	51.189	ug/l	95
23) Vinyl Acetate	6.052	43	823095	259.330	ug/l	99
24) 1,1-Dichloroethane	6.009	63	167924	52.210	ug/l	99
25) 2-Butanone	6.978	43	122313	260.483	ug/l	97
26) 2,2-Dichloropropane	6.978	77	152011	52.219	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	122139	50.386	ug/l	98
28) Bromochloromethane	7.332	49	61741	48.027	ug/l	99
29) Tetrahydrofuran	7.344	42	77235	249.183	ug/l	93
30) Chloroform	7.503	83	170834	50.878	ug/l	99
31) Cyclohexane	7.783	56	147064	51.418	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	155297	51.602	ug/l	97
36) 1,1-Dichloropropene	7.917	75	126153	49.729	ug/l	98
37) Ethyl Acetate	7.076	43	53863	50.447	ug/l	98
38) Carbon Tetrachloride	7.899	117	141451	51.030	ug/l	97
39) Methylcyclohexane	9.179	83	177443	48.485	ug/l	99
40) Benzene	8.155	78	409181	50.145	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32641	52.940	ug/l	87
42) 1,2-Dichloroethane	8.234	62	88866	50.053	ug/l	98
43) Isopropyl Acetate	8.271	43	108194	49.436	ug/l	94
44) Trichloroethene	8.935	130	107727	48.496	ug/l	98
45) 1,2-Dichloropropane	9.216	63	87650	49.132	ug/l	99
46) Dibromomethane	9.307	93	50086	48.837	ug/l	99
47) Bromodichloromethane	9.496	83	126316	49.821	ug/l	100
48) Methyl methacrylate	9.295	41	48570	48.422	ug/l	91
49) 1,4-Dioxane	9.295	88	12972	952.889	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	267972	243.614	ug/l	95
52) Toluene	10.246	92	259157	49.333	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	118520	50.046	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	143794	49.672	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	68712	48.771	ug/l	97
56) Ethyl methacrylate	10.508	69	92324	48.251	ug/l #	90
57) 1,3-Dichloropropane	10.789	76	112439	49.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	264337	289.313	ug/l	95
59) 2-Hexanone	10.831	43	194982	253.514	ug/l	93
60) Dibromochloromethane	10.984	129	88118	48.207	ug/l	100
61) 1,2-Dibromoethane	11.087	107	63714	48.013	ug/l	96
64) Tetrachloroethene	10.721	164	92682	48.738	ug/l	96
65) Chlorobenzene	11.514	112	282149	48.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	92520	49.171	ug/l	99
67) Ethyl Benzene	11.593	91	491995	50.092	ug/l	96
68) m/p-Xylenes	11.703	106	384078	98.886	ug/l	97
69) o-Xylene	12.032	106	181808	48.777	ug/l	97
70) Styrene	12.044	104	302925	48.665	ug/l	99
71) Bromoform	12.209	173	48861	46.932	ug/l #	99
73) Isopropylbenzene	12.331	105	467694	50.123	ug/l	97
74) N-amyl acetate	12.142	43	95177	49.137	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	73877	49.633	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	40581m	40.738	ug/l	
77) Bromobenzene	12.611	156	104622	48.807	ug/l	95
78) n-propylbenzene	12.672	91	552201	50.879	ug/l	98
79) 2-Chlorotoluene	12.758	91	298665	49.521	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	369983	50.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	25200	48.739	ug/l	98
82) 4-Chlorotoluene	12.855	91	296923	49.013	ug/l	96
83) tert-Butylbenzene	13.075	119	334785	49.330	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	360827	50.064	ug/l	99
85) sec-Butylbenzene	13.252	105	500624	50.290	ug/l	99
86) p-Isopropyltoluene	13.373	119	411999	50.309	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	206165	49.801	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	202839	50.261	ug/l	98
89) n-Butylbenzene	13.697	91	372548	50.266	ug/l	98
90) Hexachloroethane	13.965	117	79124	49.248	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	175741	49.391	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9142	45.106	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	100309	50.146	ug/l	97
94) Hexachlorobutadiene	15.111	225	52047	47.158	ug/l	98
95) Naphthalene	15.239	128	180224	49.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81339	49.549	ug/l	99

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

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