

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018500.D
 Acq On : 06 Jun 2024 12:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 04:14:55 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	7.782	168	46021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	73860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46186	51.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.200%			
35) Dibromofluoromethane	7.709	113	46248	49.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.760%			
50) Toluene-d8	10.172	98	184016	49.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.780%			
62) 4-Bromofluorobenzene	12.477	95	58926	50.793	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	33428	45.736	ug/l	97
3) Chloromethane	2.101	50	79956	58.659	ug/l	98
4) Vinyl Chloride	2.241	62	94627	58.040	ug/l	97
5) Bromomethane	2.637	94	57760	53.101	ug/l	97
6) Chloroethane	2.783	64	59439	57.742	ug/l	100
7) Trichlorofluoromethane	3.106	101	89170	52.861	ug/l	98
8) Diethyl Ether	3.521	74	25142	49.535	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.881	101	50178	51.084	ug/l	91
10) Methyl Iodide	4.076	142	52338	54.247	ug/l	96
11) Tert butyl alcohol	4.960	59	17399m	142.662	ug/l	
12) 1,1-Dichloroethene	3.862	96	47958	49.674	ug/l	97
13) Acrolein	3.716	56	25465	275.269	ug/l	99
14) Allyl chloride	4.466	41	74264	52.522	ug/l	94
15) Acrylonitrile	5.143	53	57064	245.842	ug/l	97
16) Acetone	3.936	43	72997	363.904	ug/l	90
17) Carbon Disulfide	4.179	76	148325	52.372	ug/l	100
18) Methyl Acetate	4.460	43	24263	48.370	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	118249	50.820	ug/l	98
20) Methylene Chloride	4.698	84	57396	52.368	ug/l #	87
21) trans-1,2-Dichloroethene	5.204	96	51923	50.396	ug/l	93
22) Diisopropyl ether	6.106	45	158136	54.917	ug/l	94
23) Vinyl Acetate	6.045	43	515144	274.888	ug/l	94
24) 1,1-Dichloroethane	6.002	63	93772	52.210	ug/l	97
25) 2-Butanone	6.972	43	94991	309.114	ug/l #	85
26) 2,2-Dichloropropane	6.966	77	77858	49.322	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	59930	50.005	ug/l	92
28) Bromochloromethane	7.319	49	44999	54.444	ug/l #	80
29) Tetrahydrofuran	7.337	42	51407	257.586	ug/l #	86
30) Chloroform	7.496	83	92190	51.177	ug/l	99
31) Cyclohexane	7.776	56	89122	52.888	ug/l	87
32) 1,1,1-Trichloroethane	7.691	97	81112	51.410	ug/l	97
36) 1,1-Dichloropropene	7.904	75	73605	51.541	ug/l	96
37) Ethyl Acetate	7.063	43	35416	49.642	ug/l	98
38) Carbon Tetrachloride	7.892	117	69253	48.392	ug/l	96
39) Methylcyclohexane	9.179	83	99433	51.505	ug/l	92
40) Benzene	8.148	78	215913	50.460	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17408	50.165	ug/l	95
42) 1,2-Dichloroethane	8.227	62	52745	50.702	ug/l	100
43) Isopropyl Acetate	8.264	43	67276	50.432	ug/l #	89
44) Trichloroethene	8.935	130	51168	48.255	ug/l	93
45) 1,2-Dichloropropane	9.209	63	49010	50.083	ug/l	92
46) Dibromomethane	9.300	93	28483	50.767	ug/l #	89
47) Bromodichloromethane	9.489	83	67334	49.997	ug/l	98
48) Methyl methacrylate	9.288	41	31009	50.524	ug/l	85
49) 1,4-Dioxane	9.288	88	7316	992.982	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	180460	260.524	ug/l	92
52) Toluene	10.239	92	137168	52.120	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	64815	52.406	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	76258	50.077	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	36352	49.801	ug/l	95
56) Ethyl methacrylate	10.508	69	55069	53.612	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	63931	51.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	151463	274.593	ug/l	96
59) 2-Hexanone	10.831	43	148139	309.479	ug/l	89
60) Dibromochloromethane	10.983	129	43169	48.409	ug/l	100
61) 1,2-Dibromoethane	11.087	107	33958	49.403	ug/l	100
64) Tetrachloroethene	10.715	164	46162	46.982	ug/l	95
65) Chlorobenzene	11.513	112	141255	49.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	44204	47.790	ug/l	100
67) Ethyl Benzene	11.587	91	269716	51.802	ug/l	100
68) m/p-Xylenes	11.702	106	200819	102.430	ug/l	94
69) o-Xylene	12.026	106	94053	49.835	ug/l	96
70) Styrene	12.038	104	159134	51.607	ug/l	99
71) Bromoform	12.208	173	22172	45.502	ug/l #	100
73) Isopropylbenzene	12.324	105	259627	49.115	ug/l	98
74) N-amyl acetate	12.141	43	63587	49.419	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	43794	47.064	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	28825m	45.380	ug/l	
77) Bromobenzene	12.605	156	51595	45.970	ug/l	91
78) n-propylbenzene	12.672	91	315706	49.761	ug/l	98
79) 2-Chlorotoluene	12.751	91	168220	48.772	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	202153	49.102	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13515	44.701	ug/l	90
82) 4-Chlorotoluene	12.849	91	171550	49.427	ug/l	99
83) tert-Butylbenzene	13.074	119	184434	48.445	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	205125	50.891	ug/l	97
85) sec-Butylbenzene	13.251	105	279387	49.831	ug/l	99
86) p-Isopropyltoluene	13.367	119	230237	50.881	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	109137	49.296	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	107377	49.369	ug/l	97
89) n-Butylbenzene	13.696	91	226163	52.596	ug/l	99
90) Hexachloroethane	13.958	117	40633	47.908	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	92850	48.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	6250	44.138	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	49344	47.359	ug/l	98
94) Hexachlorobutadiene	15.110	225	24518	44.307	ug/l	97
95) Naphthalene	15.232	128	101293	48.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	41057	46.573	ug/l	98

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

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