

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008388.D
 Acq On : 19 Apr 2022 11:08
 Operator : KP/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 :Krupa Patel 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 06:27:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	129939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56480	46.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.540%		
35) Dibromofluoromethane	7.716	113	64369	51.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.680%		
50) Toluene-d8	10.185	98	215130	50.142	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.280%		
62) 4-Bromofluorobenzene	12.483	95	78496	48.642	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	45462	42.248	ug/l	99
3) Chloromethane	2.113	50	62318	51.296	ug/l	94
4) Vinyl Chloride	2.253	62	84314	45.547	ug/l	96
5) Bromomethane	2.656	94	73312	51.088	ug/l	97
6) Chloroethane	2.796	64	62002	47.821	ug/l	98
7) Trichlorofluoromethane	3.131	101	103151	46.830	ug/l	93
8) Diethyl Ether	3.534	74	36172	45.441	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.900	101	69700	48.714	ug/l	93
10) Methyl Iodide	4.095	142	76144	47.735	ug/l	92
11) Tert butyl alcohol	4.948	59	35033	268.480	ug/l	97
12) 1,1-Dichloroethene	3.875	96	59981	46.801	ug/l	81
13) Acrolein	3.729	56	19663	191.379	ug/l	99
14) Allyl chloride	4.479	41	79247	47.379	ug/l #	85
15) Acrylonitrile	5.161	53	90191	231.650	ug/l	98
16) Acetone	3.948	43	74630	254.215	ug/l	90
17) Carbon Disulfide	4.198	76	134592	39.807	ug/l	100
18) Methyl Acetate	4.479	43	36503	51.616	ug/l #	79
19) Methyl tert-butyl Ether	5.222	73	194859	49.267	ug/l	95
20) Methylene Chloride	4.716	84	73644	47.020	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	73462	47.841	ug/l #	82
22) Diisopropyl ether	6.119	45	205271	52.017	ug/l #	93
23) Vinyl Acetate	6.064	43	649987	254.202	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	132532	52.320	ug/l	98
25) 2-Butanone	6.990	43	111463	242.814	ug/l #	77
26) 2,2-Dichloropropane	6.984	77	128727	55.183	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	91910	50.447	ug/l	84
28) Bromochloromethane	7.332	49	46734	48.133	ug/l #	70
29) Tetrahydrofuran	7.350	42	69143	233.296	ug/l #	73
30) Chloroform	7.509	83	148965	52.666	ug/l	98
31) Cyclohexane	7.789	56	98849	44.786	ug/l	87
32) 1,1,1-Trichloroethane	7.704	97	132258	53.453	ug/l	96
36) 1,1-Dichloropropene	7.917	75	102468	51.177	ug/l	97
37) Ethyl Acetate	7.076	43	50815	49.220	ug/l #	91
38) Carbon Tetrachloride	7.899	117	114589	53.197	ug/l	99
39) Methylcyclohexane	9.185	83	124117	48.179	ug/l #	83
40) Benzene	8.161	78	309873	51.972	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	29075m	50.341	ug/l	
42) 1,2-Dichloroethane	8.240	62	88431	51.123	ug/l	90
43) Isopropyl Acetate	8.271	43	98406	51.359	ug/l #	85
44) Trichloroethene	8.941	130	87613	51.560	ug/l	98
45) 1,2-Dichloropropane	9.216	63	77893	53.479	ug/l	100
46) Dibromomethane	9.307	93	48157	49.955	ug/l	94
47) Bromodichloromethane	9.496	83	117245	54.080	ug/l	99
48) Methyl methacrylate	9.295	41	40666	49.926	ug/l #	72
49) 1,4-Dioxane	9.295	88	11333	910.973	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	253192	255.910	ug/l #	85
52) Toluene	10.246	92	203767	51.871	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	115010	52.053	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	132383	53.108	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	67789	49.296	ug/l	98
56) Ethyl methacrylate	10.514	69	87071	51.645	ug/l #	75
57) 1,3-Dichloropropane	10.795	76	110894	50.218	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	131253	197.640	ug/l	90
59) 2-Hexanone	10.831	43	173845	255.359	ug/l	81
60) Dibromochloromethane	10.990	129	83906	52.235	ug/l	99
61) 1,2-Dibromoethane	11.093	107	64960	48.316	ug/l	98
64) Tetrachloroethene	10.721	164	70908	52.405	ug/l	97
65) Chlorobenzene	11.520	112	226914	54.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	88153	56.742	ug/l	97
67) Ethyl Benzene	11.593	91	406711	57.445	ug/l	99
68) m/p-Xylenes	11.703	106	325332	115.540	ug/l	91
69) o-Xylene	12.032	106	157167	57.518	ug/l	90
70) Styrene	12.044	104	267116	59.275	ug/l	94
71) Bromoform	12.209	173	50525	53.953	ug/l #	100
73) Isopropylbenzene	12.331	105	415208	56.738	ug/l	99
74) N-amyl acetate	12.148	43	86992	54.754	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	82149	53.052	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	53534m	49.177	ug/l	
77) Bromobenzene	12.611	156	93052	51.890	ug/l	94
78) n-propylbenzene	12.672	91	497272	57.586	ug/l	98
79) 2-Chlorotoluene	12.758	91	275241	56.795	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	344969	57.488	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27029	55.554	ug/l #	83
82) 4-Chlorotoluene	12.855	91	288740	57.977	ug/l	96
83) tert-Butylbenzene	13.081	119	318471	59.159	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	345304	58.147	ug/l	97
85) sec-Butylbenzene	13.258	105	473649	59.348	ug/l	100
86) p-Isopropyltoluene	13.373	119	395725	59.418	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	201989	56.873	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	196584	55.927	ug/l	98
89) n-Butylbenzene	13.703	91	357135	59.352	ug/l	99
90) Hexachloroethane	13.965	117	72681	58.389	ug/l	81
91) 1,2-Dichlorobenzene	13.745	146	173634	54.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11731	52.950	ug/l	78
93) 1,2,4-Trichlorobenzene	15.013	180	94530	50.581	ug/l	98
94) Hexachlorobutadiene	15.117	225	48154	50.753	ug/l	99
95) Naphthalene	15.239	128	199278	49.779	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	82057	50.174	ug/l	98

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

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