

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010440.D
 Acq On : 12 Sep 2022 11:48
 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 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022

Quant Time: Sep 13 05:07:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	254881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	397874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136303	53.097	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.200%			
35) Dibromofluoromethane	7.710	113	134964	47.763	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.520%			
50) Toluene-d8	10.179	98	505983	55.250	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.500%			
62) 4-Bromofluorobenzene	12.483	95	177005	48.587	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	85793	49.760	ug/l	99
3) Chloromethane	2.113	50	145134	50.683	ug/l	95
4) Vinyl Chloride	2.247	62	173480	49.105	ug/l	100
5) Bromomethane	2.644	94	117599	47.514	ug/l	99
6) Chloroethane	2.784	64	114548	48.475	ug/l	99
7) Trichlorofluoromethane	3.119	101	212388	47.460	ug/l	95
8) Diethyl Ether	3.528	74	71204	49.129	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	126540	48.295	ug/l	96
10) Methyl Iodide	4.082	142	159025	49.048	ug/l	91
11) Tert butyl alcohol	4.954	59	57930	205.295	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	118806	48.334	ug/l	85
13) Acrolein	3.723	56	66588	271.899	ug/l	98
14) Allyl chloride	4.472	41	182489	51.557	ug/l #	94
15) Acrylonitrile	5.155	53	176556	251.647	ug/l	98
16) Acetone	3.942	43	161750	274.563	ug/l	91
17) Carbon Disulfide	4.186	76	316717	47.648	ug/l	99
18) Methyl Acetate	4.466	43	84657	46.711	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	347609	51.209	ug/l	96
20) Methylene Chloride	4.710	84	144831	50.890	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	137013	49.092	ug/l	89
22) Diisopropyl ether	6.112	45	412134	52.155	ug/l #	91
23) Vinyl Acetate	6.051	43	1282010	264.737	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	245663	51.351	ug/l	99
25) 2-Butanone	6.978	43	233088	248.963	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	226026	49.513	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	162822	50.189	ug/l	87
28) Bromochloromethane	7.326	49	85674	55.856	ug/l #	83
29) Tetrahydrofuran	7.344	42	144959	248.081	ug/l #	86
30) Chloroform	7.502	83	258420	50.925	ug/l	100
31) Cyclohexane	7.777	56	204187	47.083	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	232646	50.631	ug/l	96
36) 1,1-Dichloropropene	7.911	75	189078	48.877	ug/l	96
37) Ethyl Acetate	7.063	43	101556	49.939	ug/l #	94
38) Carbon Tetrachloride	7.893	117	210806	48.982	ug/l	99
39) Methylcyclohexane	9.179	83	229992	47.682	ug/l	91
40) Benzene	8.155	78	556935	50.012	ug/l	98

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41) Methacrylonitrile	7.307	41	52745m	45.369	ug/l	
42) 1,2-Dichloroethane	8.234	62	166449	50.263	ug/l	92
43) Isopropyl Acetate	8.271	43	187836	50.471	ug/l #	91
44) Trichloroethene	8.935	130	159187	48.562	ug/l	98
45) 1,2-Dichloropropane	9.209	63	138649	51.050	ug/l	95
46) Dibromomethane	9.301	93	81481	49.749	ug/l	97
47) Bromodichloromethane	9.496	83	200447	51.525	ug/l	98
48) Methyl methacrylate	9.289	41	85593	51.208	ug/l #	86
49) 1,4-Dioxane	9.295	88	22411	1033.684	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	515429	252.492	ug/l	90
52) Toluene	10.240	92	362647	49.764	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	203053	50.719	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	231168	51.193	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	116584	50.041	ug/l	99
56) Ethyl methacrylate	10.508	69	155029	50.668	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	195357	50.429	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	182379	213.050	ug/l	93
59) 2-Hexanone	10.831	43	357829	257.152	ug/l	89
60) Dibromochloromethane	10.983	129	143916	50.549	ug/l	100
61) 1,2-Dibromoethane	11.087	107	110193	48.723	ug/l	100
64) Tetrachloroethene	10.715	164	156355	48.460	ug/l	99
65) Chlorobenzene	11.514	112	395777	49.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	151743	51.180	ug/l	98
67) Ethyl Benzene	11.593	91	705518	49.796	ug/l	96
68) m/p-Xylenes	11.703	106	557793	100.282	ug/l	93
69) o-Xylene	12.026	106	267525	50.370	ug/l	92
70) Styrene	12.044	104	453009	50.395	ug/l	96
71) Bromoform	12.209	173	92504	49.903	ug/l #	98
73) Isopropylbenzene	12.331	105	705733	49.300	ug/l	100
74) N-amyl acetate	12.142	43	172512	51.650	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	131509	49.110	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	100690m	49.726	ug/l	
77) Bromobenzene	12.611	156	167961	49.516	ug/l	93
78) n-propylbenzene	12.672	91	844042	49.792	ug/l	98
79) 2-Chlorotoluene	12.758	91	474753	49.858	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	596745	49.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	46462	50.947	ug/l	88
82) 4-Chlorotoluene	12.855	91	492212	49.688	ug/l	98
83) tert-Butylbenzene	13.075	119	525759	49.802	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	591876	50.082	ug/l	98
85) sec-Butylbenzene	13.251	105	774011	49.514	ug/l	99
86) p-Isopropyltoluene	13.367	119	656743	49.668	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	335167	49.207	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	329979	48.923	ug/l	98
89) n-Butylbenzene	13.696	91	599088	49.914	ug/l	98
90) Hexachloroethane	13.959	117	123100	49.585	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	296338	49.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21634	47.863	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	185443	49.492	ug/l	99
94) Hexachlorobutadiene	15.111	225	108824	48.135	ug/l	99
95) Naphthalene	15.233	128	365896	49.509	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	158887	48.577	ug/l	99

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

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