

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010835.D
 Acq On : 06 Oct 2022 11:00
 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 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 02:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	228353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	365503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125745	54.326	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.660%			
35) Dibromofluoromethane	7.715	113	117636	48.485	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.980%			
50) Toluene-d8	10.178	98	466897	56.270	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.540%			
62) 4-Bromofluorobenzene	12.483	95	155200	47.708	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	79395	50.187	ug/l	97
3) Chloromethane	2.113	50	135835	51.623	ug/l	95
4) Vinyl Chloride	2.247	62	153210	48.355	ug/l	98
5) Bromomethane	2.649	94	101699	45.235	ug/l	96
6) Chloroethane	2.789	64	102113	48.359	ug/l	99
7) Trichlorofluoromethane	3.125	101	199135	51.608	ug/l	93
8) Diethyl Ether	3.527	74	68026	54.801	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	115686	52.295	ug/l	94
10) Methyl Iodide	4.088	142	145698	49.269	ug/l	92
11) Tert butyl alcohol	4.941	59	56072	282.041	ug/l	96
12) 1,1-Dichloroethene	3.868	96	113211	52.438	ug/l	85
13) Acrolein	3.722	56	32918	203.591	ug/l	97
14) Allyl chloride	4.478	41	182379	56.432	ug/l #	91
15) Acrylonitrile	5.155	53	179706	297.163	ug/l	97
16) Acetone	3.942	43	153614	261.311	ug/l	91
17) Carbon Disulfide	4.192	76	368183	52.771	ug/l	99
18) Methyl Acetate	4.472	43	87192	58.064	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	304750	53.923	ug/l	99
20) Methylene Chloride	4.710	84	133643	52.095	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	131140	52.019	ug/l	89
22) Diisopropyl ether	6.112	45	400240	56.468	ug/l	94
23) Vinyl Acetate	6.057	43	1250933	291.361	ug/l #	94
24) 1,1-Dichloroethane	6.014	63	236224	54.729	ug/l	99
25) 2-Butanone	6.978	43	234594	277.572	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	206410	50.380	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	149910	53.582	ug/l	91
28) Bromochloromethane	7.331	49	94381	58.204	ug/l	91
29) Tetrahydrofuran	7.343	42	149707	301.219	ug/l	89
30) Chloroform	7.502	83	242077	54.345	ug/l	97
31) Cyclohexane	7.782	56	211266	50.992	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	210604	52.484	ug/l	97
36) 1,1-Dichloropropene	7.917	75	186132	53.142	ug/l	99
37) Ethyl Acetate	7.069	43	101516	59.064	ug/l	95
38) Carbon Tetrachloride	7.898	117	191333	52.448	ug/l	97
39) Methylcyclohexane	9.185	83	226415	52.627	ug/l	92
40) Benzene	8.154	78	538011	53.324	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	48357m	48.136	ug/l	
42) 1,2-Dichloroethane	8.234	62	154396	54.128	ug/l	92
43) Isopropyl Acetate	8.270	43	175364	56.372	ug/l #	90
44) Trichloroethene	8.935	130	142033	51.991	ug/l	98
45) 1,2-Dichloropropane	9.215	63	135524	55.718	ug/l	94
46) Dibromomethane	9.300	93	76401	54.915	ug/l	95
47) Bromodichloromethane	9.496	83	184061	54.821	ug/l	100
48) Methyl methacrylate	9.288	41	84990	58.169	ug/l #	85
49) 1,4-Dioxane	9.294	88	20732	1210.537	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	510756	300.104	ug/l	91
52) Toluene	10.245	92	341592	53.197	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	188861	54.331	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	217631	54.672	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	107769	55.205	ug/l	99
56) Ethyl methacrylate	10.508	69	144587	57.644	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	185962	56.029	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	356929	273.988	ug/l	98
59) 2-Hexanone	10.831	43	353348	299.766	ug/l	89
60) Dibromochloromethane	10.983	129	128083	54.722	ug/l	100
61) 1,2-Dibromoethane	11.087	107	102395	55.011	ug/l	100
64) Tetrachloroethene	10.715	164	139612	53.117	ug/l	96
65) Chlorobenzene	11.513	112	357919	52.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	132839	52.941	ug/l	97
67) Ethyl Benzene	11.593	91	658203	53.277	ug/l	98
68) m/p-Xylenes	11.702	106	509171	105.310	ug/l	95
69) o-Xylene	12.032	106	241028	53.320	ug/l	94
70) Styrene	12.044	104	411483	54.011	ug/l	96
71) Bromoform	12.208	173	81348	54.465	ug/l #	99
73) Isopropylbenzene	12.330	105	638371	52.950	ug/l	99
74) N-amyl acetate	12.141	43	157031	56.674	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.580	83	124442	55.247	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	94731m	57.041	ug/l	
77) Bromobenzene	12.605	156	144820	52.363	ug/l	99
78) n-propylbenzene	12.672	91	783158	53.338	ug/l	100
79) 2-Chlorotoluene	12.757	91	435249	52.985	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	537559	52.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	44685	56.206	ug/l	89
82) 4-Chlorotoluene	12.855	91	451029	52.508	ug/l	100
83) tert-Butylbenzene	13.074	119	459816	52.894	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	536240	53.489	ug/l	99
85) sec-Butylbenzene	13.251	105	695636	53.160	ug/l	100
86) p-Isopropyltoluene	13.367	119	582941	53.097	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	294876	52.530	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	288293	51.866	ug/l	98
89) n-Butylbenzene	13.696	91	546651	54.108	ug/l	100
90) Hexachloroethane	13.958	117	109335	52.065	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	257060	52.539	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	20358	56.207	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	148187	51.619	ug/l	99
94) Hexachlorobutadiene	15.110	225	88873	50.210	ug/l	99
95) Naphthalene	15.232	128	301227	55.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	130837	53.464	ug/l	99

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

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