

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011734.D
 Acq On : 07 Dec 2022 17:50
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 07:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	227407	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	354657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	115337	49.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.900%		
35) Dibromofluoromethane	7.716	113	117112	53.641	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.280%		
50) Toluene-d8	10.179	98	381243	48.054	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.100%		
62) 4-Bromofluorobenzene	12.477	95	152366	51.943	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	59116	48.068	ug/l	99
3) Chloromethane	2.113	50	79012	39.978	ug/l	97
4) Vinyl Chloride	2.247	62	94888	36.891	ug/l	99
5) Bromomethane	2.644	94	64455	38.321	ug/l	99
6) Chloroethane	2.790	64	65456	36.474	ug/l	99
7) Trichlorofluoromethane	3.125	101	174259	46.188	ug/l	95
8) Diethyl Ether	3.528	74	65255	53.515	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	108568	49.764	ug/l	96
10) Methyl Iodide	4.082	142	125769	49.480	ug/l	94
11) Tert butyl alcohol	4.954	59	67141	270.938	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	98728	49.403	ug/l	86
13) Acrolein	3.729	56	11355	186.500	ug/l	94
14) Allyl chloride	4.479	41	175501	50.026	ug/l	90
15) Acrylonitrile	5.155	53	193363	290.329	ug/l	97
16) Acetone	3.942	43	202981	270.630	ug/l	90
17) Carbon Disulfide	4.192	76	237786	42.932	ug/l	99
18) Methyl Acetate	4.473	43	96398	55.882	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	329798	57.825	ug/l	98
20) Methylene Chloride	4.710	84	136303	48.142	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	112061	48.525	ug/l	92
22) Diisopropyl ether	6.113	45	390308	50.969	ug/l	94
23) Vinyl Acetate	6.058	43	1223463	274.274	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	222628	49.515	ug/l	99
25) 2-Butanone	6.978	43	275260	279.251	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	204964	49.392	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	138220	50.839	ug/l	93
28) Bromochloromethane	7.332	49	84593	46.833	ug/l	89
29) Tetrahydrofuran	7.344	42	157294	282.565	ug/l	89
30) Chloroform	7.503	83	233926	50.169	ug/l	99
31) Cyclohexane	7.783	56	173291	45.277	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	206657	49.545	ug/l	96
36) 1,1-Dichloropropene	7.911	75	162202	47.529	ug/l	99
37) Ethyl Acetate	7.070	43	105607	54.344	ug/l	95
38) Carbon Tetrachloride	7.899	117	184054	48.205	ug/l	99
39) Methylcyclohexane	9.179	83	187327	49.187	ug/l	94
40) Benzene	8.155	78	479732	48.258	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	52795m	53.733	ug/l	
42) 1,2-Dichloroethane	8.234	62	149640	48.672	ug/l	93
43) Isopropyl Acetate	8.271	43	188820	53.861	ug/l #	92
44) Trichloroethene	8.935	130	130563	48.814	ug/l	92
45) 1,2-Dichloropropane	9.216	63	128488	50.566	ug/l	99
46) Dibromomethane	9.301	93	71093	50.038	ug/l	97
47) Bromodichloromethane	9.496	83	181163	50.622	ug/l	99
48) Methyl methacrylate	9.289	41	86313	55.430	ug/l #	87
49) 1,4-Dioxane	9.295	88	21468	1220.121	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	543809	279.046	ug/l	90
52) Toluene	10.240	92	306493	48.755	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	185636	51.892	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	205734	51.122	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	105786	52.043	ug/l	98
56) Ethyl methacrylate	10.508	69	146077	57.783	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	176910	51.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	345742	279.253	ug/l	96
59) 2-Hexanone	10.831	43	397293	285.635	ug/l	89
60) Dibromochloromethane	10.984	129	128707	51.669	ug/l	99
61) 1,2-Dibromoethane	11.087	107	96472	51.996	ug/l	100
64) Tetrachloroethene	10.715	164	131246	50.069	ug/l	98
65) Chlorobenzene	11.514	112	331659	49.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	130895	51.847	ug/l	98
67) Ethyl Benzene	11.593	91	598003	49.721	ug/l	98
68) m/p-Xylenes	11.703	106	451585	98.635	ug/l	98
69) o-Xylene	12.026	106	218131	51.174	ug/l	97
70) Styrene	12.044	104	377130	51.832	ug/l	97
71) Bromoform	12.209	173	82920	53.988	ug/l #	98
73) Isopropylbenzene	12.331	105	592471	51.946	ug/l	99
74) N-amyl acetate	12.142	43	158918	56.424	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	118359	52.663	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	93761m	55.207	ug/l	
77) Bromobenzene	12.605	156	135382	50.834	ug/l	98
78) n-propylbenzene	12.672	91	704748	50.648	ug/l	98
79) 2-Chlorotoluene	12.758	91	397642	50.702	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	498345	51.834	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	42751	55.135	ug/l	90
82) 4-Chlorotoluene	12.855	91	405471	49.444	ug/l	100
83) tert-Butylbenzene	13.075	119	441247	52.691	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	484051	50.976	ug/l	99
85) sec-Butylbenzene	13.252	105	640950	51.297	ug/l	100
86) p-Isopropyltoluene	13.367	119	534096	51.218	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	263277	48.563	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	260766	48.103	ug/l	98
89) n-Butylbenzene	13.697	91	488357	50.945	ug/l	99
90) Hexachloroethane	13.959	117	103820	49.302	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	238857	49.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21100	57.247	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	143182	53.716	ug/l	98
94) Hexachlorobutadiene	15.111	225	87351	52.719	ug/l	99
95) Naphthalene	15.233	128	309747	54.994	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	124189	54.365	ug/l	98

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

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