

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011298.D
 Acq On : 04 Nov 2022 15:38
 Operator : KP/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 01:50:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	229497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113011	46.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.080%		
35) Dibromofluoromethane	7.716	113	117177	49.327	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.660%		
50) Toluene-d8	10.179	98	441222	47.838	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.680%		
62) 4-Bromofluorobenzene	12.477	95	162570	50.772	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	50182	25.268	ug/l	100
3) Chloromethane	2.113	50	51710	20.320	ug/l	92
4) Vinyl Chloride	2.247	62	58482	20.573	ug/l	97
5) Bromomethane	2.643	94	39511	20.834	ug/l	100
6) Chloroethane	2.790	64	36604	20.039	ug/l	100
7) Trichlorofluoromethane	3.119	101	87351	20.800	ug/l	96
8) Diethyl Ether	3.521	74	29766	19.753	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	51785	20.510	ug/l	95
10) Methyl Iodide	4.088	142	60616	18.650	ug/l	90
11) Tert butyl alcohol	4.936	59	30177	93.254	ug/l	97
12) 1,1-Dichloroethene	3.869	96	50761	20.334	ug/l	81
13) Acrolein	3.729	56	16811	118.505	ug/l	96
14) Allyl chloride	4.472	41	76116	20.129	ug/l #	84
15) Acrylonitrile	5.161	53	70462	93.185	ug/l	97
16) Acetone	3.942	43	60773	82.024	ug/l #	82
17) Carbon Disulfide	4.192	76	159807	19.490	ug/l	99
18) Methyl Acetate	4.472	43	38107	19.427	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	132988	20.047	ug/l	96
20) Methylene Chloride	4.710	84	81833	24.436	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	58438	20.582	ug/l	88
22) Diisopropyl ether	6.112	45	159285	20.317	ug/l #	93
23) Vinyl Acetate	6.057	43	462305	96.611	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	100682	20.507	ug/l	98
25) 2-Butanone	6.978	43	93239	89.438	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	91719	20.430	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	64961	20.764	ug/l	89
28) Bromochloromethane	7.325	49	35768	18.966	ug/l	84
29) Tetrahydrofuran	7.344	42	55631	91.664	ug/l #	83
30) Chloroform	7.502	83	101811	20.532	ug/l	99
31) Cyclohexane	7.783	56	90769	19.952	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	90916	20.671	ug/l	95
36) 1,1-Dichloropropene	7.917	75	79620	20.524	ug/l	97
37) Ethyl Acetate	7.069	43	39924	19.091	ug/l #	92
38) Carbon Tetrachloride	7.899	117	82345	20.460	ug/l	97
39) Methylcyclohexane	9.179	83	98103	20.786	ug/l	92
40) Benzene	8.155	78	233972	20.521	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21171m	18.631	ug/l	
42) 1,2-Dichloroethane	8.234	62	61519	19.870	ug/l	90
43) Isopropyl Acetate	8.270	43	70509	19.137	ug/l #	87
44) Trichloroethene	8.935	130	63386	20.774	ug/l	95
45) 1,2-Dichloropropane	9.215	63	56854	20.170	ug/l	94
46) Dibromomethane	9.301	93	31662	19.880	ug/l	97
47) Bromodichloromethane	9.496	83	77889	20.631	ug/l	98
48) Methyl methacrylate	9.289	41	31971	18.891	ug/l #	76
49) 1,4-Dioxane	9.295	88	8076	376.935	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	186288	92.987	ug/l #	86
52) Toluene	10.240	92	148518	21.008	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	80068	20.138	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	93113	20.467	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	45945	20.129	ug/l	96
56) Ethyl methacrylate	10.508	69	59276	19.660	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	78677	20.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	141299	99.966	ug/l	96
59) 2-Hexanone	10.831	43	131995	92.288	ug/l	83
60) Dibromochloromethane	10.983	129	54732	20.181	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42981	19.834	ug/l	100
64) Tetrachloroethene	10.715	164	60853	21.259	ug/l	97
65) Chlorobenzene	11.514	112	156197	21.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	57240	20.910	ug/l	98
67) Ethyl Benzene	11.593	91	277880	21.071	ug/l	97
68) m/p-Xylenes	11.703	106	217526	42.491	ug/l	96
69) o-Xylene	12.026	106	102326	21.323	ug/l	94
70) Styrene	12.038	104	173062	21.274	ug/l	96
71) Bromoform	12.203	173	34256	20.133	ug/l #	100
73) Isopropylbenzene	12.325	105	268864	21.105	ug/l	100
74) N-amyl acetate	12.142	43	61939	19.369	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	51732	19.624	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	36669m	17.678	ug/l	
77) Bromobenzene	12.605	156	62570	20.880	ug/l	98
78) n-propylbenzene	12.666	91	328909	21.100	ug/l	98
79) 2-Chlorotoluene	12.751	91	186061	20.832	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	231540	21.479	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18939	19.540	ug/l #	83
82) 4-Chlorotoluene	12.849	91	194265	21.106	ug/l	100
83) tert-Butylbenzene	13.074	119	197277	21.238	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	227758	21.362	ug/l	98
85) sec-Butylbenzene	13.251	105	296498	21.529	ug/l	100
86) p-Isopropyltoluene	13.367	119	244068	21.262	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	125103	20.820	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124881	20.723	ug/l	98
89) n-Butylbenzene	13.696	91	227354	21.210	ug/l	98
90) Hexachloroethane	13.958	117	48012	20.914	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	112080	20.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8352	18.495	ug/l	82
93) 1,2,4-Trichlorobenzene	15.001	180	65614	20.227	ug/l	99
94) Hexachlorobutadiene	15.111	225	40990	21.701	ug/l	100
95) Naphthalene	15.233	128	124331	19.060	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55411	19.437	ug/l	98

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

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