

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011741.D
 Acq On : 09 Dec 2022 12:45
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 03:10:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:06:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	251050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	395884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	243988	119.669	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 239.340%#			
35) Dibromofluoromethane	7.716	113	251850	126.143	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 252.280%#			
50) Toluene-d8	10.179	98	793508	113.299	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 226.600%#			
62) 4-Bromofluorobenzene	12.483	95	324864	120.805	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 241.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	152014	110.920	ug/l	98
3) Chloromethane	2.113	50	190161	123.862	ug/l	99
4) Vinyl Chloride	2.253	62	227149	126.391	ug/l	96
5) Bromomethane	2.631	94	152417	122.912	ug/l	99
6) Chloroethane	2.784	64	165302	132.783	ug/l	99
7) Trichlorofluoromethane	3.125	101	460994	133.580	ug/l	100
8) Diethyl Ether	3.528	74	177463	146.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	280747	136.276	ug/l	99
10) Methyl Iodide	4.088	142	358000	148.420	ug/l	99
11) Tert butyl alcohol	4.954	59	195462	636.802	ug/l	99
12) 1,1-Dichloroethene	3.869	96	256595	138.107	ug/l	94
13) Acrolein	3.729	56	271971	768.484	ug/l	99
14) Allyl chloride	4.479	41	452326	146.564	ug/l	100
15) Acrylonitrile	5.161	53	500019	770.660	ug/l	100
16) Acetone	3.942	43	557368	813.081	ug/l	97
17) Carbon Disulfide	4.192	76	566830	133.591	ug/l	100
18) Methyl Acetate	4.479	43	245422	126.771	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	905379	155.635	ug/l	100
20) Methylene Chloride	4.710	84	342984	109.166	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	288796	138.298	ug/l	98
22) Diisopropyl ether	6.119	45	972786	144.471	ug/l	98
23) Vinyl Acetate	6.058	43	3096490	806.088	ug/l	100
24) 1,1-Dichloroethane	6.015	63	578589	141.404	ug/l	99
25) 2-Butanone	6.984	43	703663	798.018	ug/l	100
26) 2,2-Dichloropropane	6.978	77	545911	141.810	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	369894	144.931	ug/l	99
28) Bromochloromethane	7.332	49	211204	141.782	ug/l	99
29) Tetrahydrofuran	7.350	42	389291	775.671	ug/l	99
30) Chloroform	7.502	83	622260	142.251	ug/l	99
31) Cyclohexane	7.783	56	421110	128.412	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	557273	142.847	ug/l	99
36) 1,1-Dichloropropene	7.917	75	417068	138.831	ug/l	100
37) Ethyl Acetate	7.076	43	266766	151.888	ug/l	99
38) Carbon Tetrachloride	7.899	117	495723	140.478	ug/l	95
39) Methylcyclohexane	9.185	83	479518	141.860	ug/l	99
40) Benzene	8.161	78	1271732	141.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	124977m	140.822	ug/l	
42) 1,2-Dichloroethane	8.234	62	401901	144.813	ug/l	100
43) Isopropyl Acetate	8.271	43	502591	157.813	ug/l	99
44) Trichloroethene	8.941	130	355423	141.405	ug/l	99
45) 1,2-Dichloropropane	9.216	63	333853	143.727	ug/l	99
46) Dibromomethane	9.307	93	188144	144.699	ug/l	99
47) Bromodichloromethane	9.496	83	492116	146.502	ug/l	97
48) Methyl methacrylate	9.295	41	225592	160.698	ug/l	99
49) 1,4-Dioxane	9.295	88	58409	3242.617	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	1391491	792.952	ug/l	100
52) Toluene	10.246	92	815558	142.944	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	503678	150.115	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	557154	147.793	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	280074	145.735	ug/l	99
56) Ethyl methacrylate	10.508	69	398958	160.815	ug/l	99
57) 1,3-Dichloropropane	10.788	76	467256	145.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	895349	778.314	ug/l	99
59) 2-Hexanone	10.831	43	1015369	809.835	ug/l	99
60) Dibromochloromethane	10.983	129	354309	147.198	ug/l	99
61) 1,2-Dibromoethane	11.087	107	255891	146.977	ug/l	100
64) Tetrachloroethene	10.721	164	335326	135.026	ug/l	98
65) Chlorobenzene	11.514	112	899452	142.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	355759	144.996	ug/l	99
67) Ethyl Benzene	11.593	91	1635869	146.793	ug/l	99
68) m/p-Xylenes	11.703	106	1245404	291.818	ug/l	99
69) o-Xylene	12.026	106	602545	148.121	ug/l	100
70) Styrene	12.044	104	1033679	148.882	ug/l	99
71) Bromoform	12.209	173	224778	148.526	ug/l #	99
73) Isopropylbenzene	12.331	105	1608161	149.895	ug/l	99
74) N-amyl acetate	12.142	43	420486	163.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	314137	150.348	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	246955m	125.111	ug/l	
77) Bromobenzene	12.611	156	374900	149.663	ug/l	99
78) n-propylbenzene	12.672	91	1881346	146.328	ug/l	100
79) 2-Chlorotoluene	12.758	91	1074406	146.422	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1327233	146.360	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	116584	157.910	ug/l	99
82) 4-Chlorotoluene	12.855	91	1117285	146.804	ug/l	99
83) tert-Butylbenzene	13.075	119	1178844	149.292	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1323940	148.279	ug/l	99
85) sec-Butylbenzene	13.251	105	1715522	145.884	ug/l	99
86) p-Isopropyltoluene	13.367	119	1450438	148.194	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	730181	144.848	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	716110	142.932	ug/l	100
89) n-Butylbenzene	13.696	91	1304727	146.643	ug/l	100
90) Hexachloroethane	13.959	117	275363	141.586	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	646708	142.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	56687	155.615	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	407340	153.959	ug/l	98
94) Hexachlorobutadiene	15.111	225	233515	138.909	ug/l	99
95) Naphthalene	15.233	128	874255	170.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	352744	154.350	ug/l	99

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

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