

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011151.D
 Acq On : 28 Oct 2022 12:01
 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 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 22:46:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 22:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	285651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	462644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	418295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	440830	149.248	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 298.500%#			
35) Dibromofluoromethane	7.716	113	429837	151.081	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 302.160%#			
50) Toluene-d8	10.179	98	1693520	150.250	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 300.500%#			
62) 4-Bromofluorobenzene	12.477	95	570550	154.702	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 309.400%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	201318	129.466	ug/l	100
3) Chloromethane	2.113	50	259115	123.451	ug/l	97
4) Vinyl Chloride	2.247	62	313825	126.707	ug/l	99
5) Bromomethane	2.625	94	210535	120.818	ug/l	99
6) Chloroethane	2.784	64	223158	130.015	ug/l	98
7) Trichlorofluoromethane	3.119	101	533599	132.160	ug/l	93
8) Diethyl Ether	3.527	74	217811	149.755	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	345467	135.489	ug/l	94
10) Methyl Iodide	4.088	142	421303	150.820	ug/l	91
11) Tert butyl alcohol	4.954	59	214939	663.851	ug/l	97
12) 1,1-Dichloroethene	3.869	96	312551	136.205	ug/l	85
13) Acrolein	3.729	56	139202	669.161	ug/l	97
14) Allyl chloride	4.479	41	520803	146.167	ug/l #	85
15) Acrylonitrile	5.155	53	608185	757.789	ug/l	97
16) Acetone	3.942	43	526356	728.334	ug/l #	83
17) Carbon Disulfide	4.192	76	714084	119.888	ug/l	100
18) Methyl Acetate	4.472	43	285451	125.001	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	1060150	156.520	ug/l	99
20) Methylene Chloride	4.710	84	405049	108.064	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	353515	134.366	ug/l	90
22) Diisopropyl ether	6.118	45	1193108	145.650	ug/l #	90
23) Vinyl Acetate	6.058	43	3772545	810.066	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	701265	138.560	ug/l	98
25) 2-Butanone	6.984	43	787547	760.231	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	629897	139.263	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	452173	141.856	ug/l	88
28) Bromochloromethane	7.332	49	350889	151.838	ug/l	85
29) Tetrahydrofuran	7.344	42	475797	770.871	ug/l #	83
30) Chloroform	7.502	83	732476	137.855	ug/l	100
31) Cyclohexane	7.783	56	528926	127.213	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	632161	139.835	ug/l	95
36) 1,1-Dichloropropene	7.917	75	505653	136.329	ug/l	97
37) Ethyl Acetate	7.070	43	321897	153.389	ug/l #	92
38) Carbon Tetrachloride	7.899	117	558926	138.348	ug/l	100
39) Methylcyclohexane	9.179	83	595594	143.912	ug/l	92
40) Benzene	8.161	78	1537880	138.492	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	182749m	152.975	ug/l	
42) 1,2-Dichloroethane	8.234	62	449897	142.397	ug/l	91
43) Isopropyl Acetate	8.271	43	595627	159.176	ug/l #	89
44) Trichloroethene	8.935	130	420392	140.858	ug/l	94
45) 1,2-Dichloropropane	9.216	63	418703	143.243	ug/l	97
46) Dibromomethane	9.301	93	235070	143.863	ug/l	96
47) Bromodichloromethane	9.496	83	584951	144.866	ug/l	100
48) Methyl methacrylate	9.289	41	266836	159.983	ug/l #	78
49) 1,4-Dioxane	9.295	88	69745	3092.561	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	1659098	786.374	ug/l #	85
52) Toluene	10.240	92	980406	141.048	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	610533	150.803	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	687750	149.868	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	350433	144.089	ug/l	98
56) Ethyl methacrylate	10.508	69	503966	164.654	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	591286	145.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	1184448	915.985	ug/l	97
59) 2-Hexanone	10.831	43	1175090	807.027	ug/l	83
60) Dibromochloromethane	10.983	129	423919	147.412	ug/l	100
61) 1,2-Dibromoethane	11.087	107	324022	146.775	ug/l	100
64) Tetrachloroethene	10.715	164	387971	134.422	ug/l	95
65) Chlorobenzene	11.514	112	1086333	141.040	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	425583	142.405	ug/l	98
67) Ethyl Benzene	11.593	91	1954536	145.260	ug/l	98
68) m/p-Xylenes	11.697	106	1482838	289.150	ug/l	95
69) o-Xylene	12.026	106	725010	148.230	ug/l	94
70) Styrene	12.044	104	1251192	149.682	ug/l	96
71) Bromoform	12.209	173	272385	148.743	ug/l #	99
73) Isopropylbenzene	12.325	105	1917715	149.750	ug/l	100
74) N-amyl acetate	12.142	43	521725	165.969	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	414611	148.400	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	300433m	144.193	ug/l	
77) Bromobenzene	12.605	156	443332	147.191	ug/l	98
78) n-propylbenzene	12.672	91	2285663	146.767	ug/l	99
79) 2-Chlorotoluene	12.758	91	1304566	146.463	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1582453	146.663	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	150961	157.216	ug/l #	83
82) 4-Chlorotoluene	12.855	91	1343374	145.387	ug/l	99
83) tert-Butylbenzene	13.075	119	1419605	150.725	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1571745	147.990	ug/l	99
85) sec-Butylbenzene	13.251	105	2065258	146.648	ug/l	100
86) p-Isopropyltoluene	13.367	119	1728627	149.413	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	875289	143.148	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	866079	141.580	ug/l	99
89) n-Butylbenzene	13.696	91	1605665	148.583	ug/l	98
90) Hexachloroethane	13.959	117	341375	141.247	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	792793	144.132	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	70307	156.318	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	504910	160.402	ug/l	98
94) Hexachlorobutadiene	15.111	225	275609	144.985	ug/l	99
95) Naphthalene	15.233	128	1141954	181.257	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	451094	164.622	ug/l	99

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

