

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010971.D
 Acq On : 17 Oct 2022 13:26
 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 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 01:14:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:10:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	296151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	473281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	424857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	377979	138.556	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 277.120%#			
35) Dibromofluoromethane	7.716	113	386485	134.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 268.640%#			
50) Toluene-d8	10.179	98	1423957	144.094	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 288.180%#			
62) 4-Bromofluorobenzene	12.483	95	507065	128.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 256.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	278410	141.728	ug/l	100
3) Chloromethane	2.107	50	386893	137.280	ug/l	95
4) Vinyl Chloride	2.247	62	455921	142.730	ug/l	99
5) Bromomethane	2.625	94	295712	133.846	ug/l	97
6) Chloroethane	2.778	64	306617	143.642	ug/l	99
7) Trichlorofluoromethane	3.113	101	682501	145.977	ug/l	95
8) Diethyl Ether	3.522	74	256710	147.134	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	429010	146.287	ug/l	93
10) Methyl Iodide	4.082	142	567735	158.208	ug/l	90
11) Tert butyl alcohol	4.948	59	215922	585.591	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	411280	146.397	ug/l	86
13) Acrolein	3.723	56	319110	725.607	ug/l	97
14) Allyl chloride	4.473	41	667139	149.747	ug/l #	86
15) Acrylonitrile	5.155	53	664582	730.751	ug/l	98
16) Acetone	3.942	43	536696	677.476	ug/l #	86
17) Carbon Disulfide	4.186	76	1148365	139.432	ug/l	100
18) Methyl Acetate	4.466	43	320093	126.182	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	1196348	152.414	ug/l	98
20) Methylene Chloride	4.704	84	476559	105.678	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	461164	145.406	ug/l	90
22) Diisopropyl ether	6.113	45	1426599	149.517	ug/l #	92
23) Vinyl Acetate	6.052	43	4504406	789.467	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	848765	147.335	ug/l	99
25) 2-Butanone	6.978	43	859913	715.767	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	752264	147.052	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	546959	149.637	ug/l	89
28) Bromochloromethane	7.326	49	317762	176.968	ug/l	88
29) Tetrahydrofuran	7.344	42	542032	733.317	ug/l #	85
30) Chloroform	7.503	83	857337	147.635	ug/l	100
31) Cyclohexane	7.783	56	730662	139.966	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	765551	149.975	ug/l	95
36) 1,1-Dichloropropene	7.911	75	656097	148.916	ug/l	98
37) Ethyl Acetate	7.070	43	364267	149.326	ug/l #	93
38) Carbon Tetrachloride	7.899	117	683172	150.214	ug/l	99
39) Methylcyclohexane	9.179	83	814565	154.361	ug/l	92
40) Benzene	8.155	78	1905805	147.425	ug/l	97

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41) Methacrylonitrile	7.320	41	221902m	164.109	ug/l	
42) 1,2-Dichloroethane	8.234	62	527624	147.302	ug/l	91
43) Isopropyl Acetate	8.271	43	675087	154.900	ug/l #	89
44) Trichloroethene	8.935	130	524076	149.600	ug/l	96
45) 1,2-Dichloropropane	9.210	63	491264	149.779	ug/l	95
46) Dibromomethane	9.301	93	274856	150.247	ug/l	96
47) Bromodichloromethane	9.496	83	672479	152.543	ug/l	99
48) Methyl methacrylate	9.289	41	309706	158.785	ug/l #	79
49) 1,4-Dioxane	9.295	88	80430	3060.032	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	1845335	759.231	ug/l #	87
52) Toluene	10.240	92	1219702	151.875	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	714899	156.099	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	805375	153.673	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	394559	149.505	ug/l	99
56) Ethyl methacrylate	10.508	69	568898	162.304	ug/l #	77
57) 1,3-Dichloropropane	10.789	76	673961	148.530	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1363772	877.897	ug/l	97
59) 2-Hexanone	10.831	43	1282574	768.209	ug/l	84
60) Dibromochloromethane	10.984	129	475251	151.443	ug/l	100
61) 1,2-Dibromoethane	11.087	107	376814	149.099	ug/l	99
64) Tetrachloroethene	10.715	164	481315	145.532	ug/l	96
65) Chlorobenzene	11.514	112	1292493	148.179	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	486570	150.711	ug/l	97
67) Ethyl Benzene	11.593	91	2372033	153.717	ug/l	98
68) m/p-Xylenes	11.703	106	1818331	306.316	ug/l	94
69) o-Xylene	12.026	106	879516	156.035	ug/l	94
70) Styrene	12.044	104	1494291	156.455	ug/l	96
71) Bromoform	12.209	173	306258	153.705	ug/l #	99
73) Isopropylbenzene	12.331	105	2293355	156.291	ug/l	100
74) N-amyl acetate	12.142	43	605008	162.506	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	459656	149.262	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	341539m	145.970	ug/l	
77) Bromobenzene	12.605	156	524216	152.835	ug/l	100
78) n-propylbenzene	12.672	91	2741053	153.534	ug/l	99
79) 2-Chlorotoluene	12.758	91	1546628	153.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	1874085	153.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	170235	159.671	ug/l #	82
82) 4-Chlorotoluene	12.855	91	1589729	151.859	ug/l	99
83) tert-Butylbenzene	13.075	119	1669206	157.664	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1863646	154.368	ug/l	98
85) sec-Butylbenzene	13.251	105	2432469	152.899	ug/l	100
86) p-Isopropyltoluene	13.367	119	2051116	155.414	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	1025178	149.764	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	1003703	147.468	ug/l	99
89) n-Butylbenzene	13.697	91	1907790	154.692	ug/l	98
90) Hexachloroethane	13.959	117	393265	150.988	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	908283	148.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	75515	148.311	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	579098	158.210	ug/l	99
94) Hexachlorobutadiene	15.111	225	320169	148.603	ug/l	99
95) Naphthalene	15.233	128	1245542	167.089	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	500485	156.731	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
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