

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016892.D
 Acq On : 02 Jan 2024 13:07
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

Quant Time: Jan 02 13:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 13:45:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	158009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	253876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	217833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	96491	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.148	65	213653	136.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 273.620%#	
35) Dibromofluoromethane	7.728	113	226889	140.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 280.500%#	
50) Toluene-d8	10.191	98	818836	146.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 293.960%#	
62) 4-Bromofluorobenzene	12.489	95	271608	144.507	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 289.020%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	154504	150.732	ug/l	97
3) Chloromethane	2.119	50	226971	122.280	ug/l	98
4) Vinyl Chloride	2.253	62	279765	127.780	ug/l	99
5) Bromomethane	2.643	94	211155	134.621	ug/l	96
6) Chloroethane	2.796	64	190805	128.832	ug/l	98
7) Trichlorofluoromethane	3.131	101	358108	132.747	ug/l	99
8) Diethyl Ether	3.533	74	123334	143.058	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	230053	131.155	ug/l	99
10) Methyl Iodide	4.100	142	229407	153.733	ug/l	98
12) 1,1-Dichloroethene	3.881	96	206877	137.462	ug/l	98
13) Acrolein	3.735	56	130493	783.004	ug/l	99
14) Allyl chloride	4.491	41	331320	139.257	ug/l	100
15) Acrylonitrile	5.167	53	296094	734.258	ug/l	100
16) Acetone	3.954	43	278785	774.999	ug/l	98
17) Carbon Disulfide	4.204	76	498863	138.727	ug/l	100
18) Methyl Acetate	4.484	43	271039	161.993	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	591829	151.154	ug/l	99
20) Methylene Chloride	4.728	84	243162	150.682	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	234968	136.319	ug/l	98
22) Diisopropyl ether	6.130	45	769434	139.885	ug/l	96
23) Vinyl Acetate	6.070	43	1815987	720.032	ug/l	99
24) 1,1-Dichloroethane	6.027	63	437480	132.353	ug/l	98
25) 2-Butanone	6.996	43	402152	774.957	ug/l	97
26) 2,2-Dichloropropane	6.990	77	390826	136.369	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	283219	140.171	ug/l	99
28) Bromochloromethane	7.344	49	174311	140.470	ug/l	96
29) Tetrahydrofuran	7.356	42	241705	764.690	ug/l	99
30) Chloroform	7.514	83	451853	132.653	ug/l	100
31) Cyclohexane	7.795	56	350662	130.826	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	395239	136.847	ug/l	99
36) 1,1-Dichloropropene	7.929	75	334612	141.923	ug/l	99
37) Ethyl Acetate	7.082	43	163066	152.194	ug/l	100
38) Carbon Tetrachloride	7.911	117	341955	142.755	ug/l	98
39) Methylcyclohexane	9.191	83	404546	152.630	ug/l	98
40) Benzene	8.173	78	995453	140.748	ug/l	100
41) Methacrylonitrile	7.319	41	93275	165.297	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.246	62	266678	142.031	ug/l	99
43) Isopropyl Acetate	8.283	43	318718	155.338	ug/l	99
44) Trichloroethene	8.947	130	259216	144.034	ug/l	97
45) 1,2-Dichloropropane	9.227	63	255091	140.001	ug/l	99
46) Dibromomethane	9.313	93	135581	145.902	ug/l	99
47) Bromodichloromethane	9.508	83	352598	141.301	ug/l	97
48) Methyl methacrylate	9.301	41	179204	161.839	ug/l	98
49) 1,4-Dioxane	9.307	88	32140	3340.331	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	879692	806.189	ug/l	99
52) Toluene	10.252	92	621484	145.603	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	341236	152.667	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	398653	148.515	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	194737	143.444	ug/l	99
56) Ethyl methacrylate	10.520	69	194926	169.519	ug/l	99
57) 1,3-Dichloropropane	10.800	76	329764	145.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	585448	770.111	ug/l	100
59) 2-Hexanone	10.837	43	625769	778.839	ug/l	98
60) Dibromochloromethane	10.995	129	232231	148.335	ug/l	99
61) 1,2-Dibromoethane	11.099	107	176641	149.757	ug/l	100
64) Tetrachloroethene	10.727	164	202971	143.722	ug/l	97
65) Chlorobenzene	11.526	112	655189	144.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	252858	146.582	ug/l	99
67) Ethyl Benzene	11.599	91	1220368	149.377	ug/l	99
68) m/p-Xylenes	11.709	106	906421	302.263	ug/l	100
69) o-Xylene	12.038	106	427373	152.021	ug/l	99
70) Styrene	12.050	104	636207	155.491	ug/l	99
71) Bromoform	12.215	173	132982	156.595	ug/l #	98
73) Isopropylbenzene	12.337	105	1155935	146.701	ug/l	100
74) N-amyl acetate	12.148	43	257881	162.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	226040	140.793	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	135388m	130.321	ug/l	
77) Bromobenzene	12.617	156	251600	145.028	ug/l	98
78) n-propylbenzene	12.678	91	1363103	142.298	ug/l	99
79) 2-Chlorotoluene	12.763	91	754878	142.111	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	910832	146.160	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	71799	155.703	ug/l	97
82) 4-Chlorotoluene	12.861	91	761648	140.349	ug/l	98
83) tert-Butylbenzene	13.080	119	798854	145.542	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	910767	148.405	ug/l	98
85) sec-Butylbenzene	13.263	105	1165028	143.248	ug/l	98
86) p-Isopropyltoluene	13.379	119	1003757	149.543	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	493601	145.075	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	472424	141.963	ug/l	99
89) n-Butylbenzene	13.702	91	950503	147.283	ug/l	99
90) Hexachloroethane	13.971	117	200417	138.954	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	421792	143.452	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30981	153.885	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	247993	169.848	ug/l	99
94) Hexachlorobutadiene	15.117	225	131885	144.188	ug/l	99
95) Naphthalene	15.245	128	497231	150.897	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	208546	168.215	ug/l	98

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

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