

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018095.D
 Acq On : 01 May 2024 13:11
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY050124

Quant Time: May 01 14:03:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 12:35:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	341461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	539178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	469025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	220426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151399	55.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.320%			
35) Dibromofluoromethane	7.710	113	174075	56.344	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.680%			
50) Toluene-d8	10.179	98	674549	55.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.980%			
62) 4-Bromofluorobenzene	12.477	95	228086	54.695	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	133104	52.148	ug/l	99
3) Chloromethane	2.107	50	181559	53.242	ug/l	100
4) Vinyl Chloride	2.247	62	199660	53.285	ug/l	99
5) Bromomethane	2.650	94	123090	51.754	ug/l	96
6) Chloroethane	2.790	64	124122	53.124	ug/l	98
7) Trichlorofluoromethane	3.119	101	266043	52.497	ug/l	99
8) Diethyl Ether	3.521	74	85846	52.439	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	162415	51.818	ug/l	94
10) Methyl Iodide	4.082	142	225387	51.740	ug/l	97
11) Tert butyl alcohol	4.960	59	59490	294.924	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	169074	52.782	ug/l	96
13) Acrolein	3.717	56	77686	243.151	ug/l	97
14) Allyl chloride	4.466	41	220957	51.120	ug/l	97
15) Acrylonitrile	5.155	53	166396	267.236	ug/l	100
16) Acetone	3.942	43	145539	267.479	ug/l	94
17) Carbon Disulfide	4.186	76	500997	52.305	ug/l	98
18) Methyl Acetate	4.473	43	67397	52.221	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	392155	52.017	ug/l	99
20) Methylene Chloride	4.704	84	177147	53.777	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	180081	51.659	ug/l	92
22) Diisopropyl ether	6.106	45	457877	49.600	ug/l	94
23) Vinyl Acetate	6.051	43	1509422	256.607	ug/l	100
24) 1,1-Dichloroethane	6.009	63	277771	51.872	ug/l	99
25) 2-Butanone	6.978	43	217039	259.827	ug/l	91
26) 2,2-Dichloropropane	6.972	77	258736	52.092	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	210772	51.347	ug/l	97
28) Bromochloromethane	7.326	49	119499	55.154	ug/l	91
29) Tetrahydrofuran	7.344	42	138628	266.036	ug/l	95
30) Chloroform	7.496	83	290301	51.014	ug/l	97
31) Cyclohexane	7.783	56	254868	52.101	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	266420	51.128	ug/l	98
36) 1,1-Dichloropropene	7.911	75	212771	51.589	ug/l	97
37) Ethyl Acetate	7.064	43	98299	52.175	ug/l #	96
38) Carbon Tetrachloride	7.893	117	242351	51.547	ug/l	98
39) Methylcyclohexane	9.179	83	313053	52.275	ug/l	99
40) Benzene	8.155	78	689160	52.114	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	51255	44.056	ug/l	95
42) 1,2-Dichloroethane	8.234	62	159342	50.816	ug/l	97
43) Isopropyl Acetate	8.265	43	204270	52.879	ug/l	95
44) Trichloroethene	8.935	130	196263	52.462	ug/l	97
45) 1,2-Dichloropropane	9.209	63	150193	52.030	ug/l	100
46) Dibromomethane	9.301	93	93271	53.144	ug/l	94
47) Bromodichloromethane	9.490	83	225543	51.958	ug/l	97
48) Methyl methacrylate	9.289	41	93229	51.807	ug/l	92
49) 1,4-Dioxane	9.307	88	21893	1101.266	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	512313	264.636	ug/l	94
52) Toluene	10.240	92	456473	51.815	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	224112	52.427	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	258404	52.036	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	128660	53.799	ug/l	96
56) Ethyl methacrylate	10.508	69	181255	52.283	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	203963	52.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	351397	220.956	ug/l	93
59) 2-Hexanone	10.831	43	370764	262.338	ug/l	93
60) Dibromochloromethane	10.984	129	171242	52.535	ug/l	100
61) 1,2-Dibromoethane	11.087	107	124394	53.696	ug/l	99
64) Tetrachloroethene	10.715	164	171581	51.502	ug/l	99
65) Chlorobenzene	11.514	112	507621	51.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	171582	51.546	ug/l	99
67) Ethyl Benzene	11.593	91	853317	51.372	ug/l	96
68) m/p-Xylenes	11.703	106	682270	102.524	ug/l	99
69) o-Xylene	12.026	106	327219	51.132	ug/l	97
70) Styrene	12.044	104	558511	51.148	ug/l	99
71) Bromoform	12.209	173	102894	51.973	ug/l #	99
73) Isopropylbenzene	12.331	105	834676	50.476	ug/l	98
74) N-amyl acetate	12.142	43	199657	51.668	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	141315	52.917	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	96210m	27.778	ug/l	
77) Bromobenzene	12.605	156	200831	51.377	ug/l	94
78) n-propylbenzene	12.672	91	964162	50.479	ug/l	96
79) 2-Chlorotoluene	12.758	91	550039	50.314	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	673833	50.699	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	53122	51.152	ug/l	98
82) 4-Chlorotoluene	12.855	91	564679	49.878	ug/l	97
83) tert-Butylbenzene	13.075	119	628669	51.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	669039	51.036	ug/l	98
85) sec-Butylbenzene	13.251	105	893838	51.354	ug/l	97
86) p-Isopropyltoluene	13.367	119	743323	51.239	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	388526	52.414	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	381102	52.004	ug/l	100
89) n-Butylbenzene	13.696	91	671861	51.517	ug/l	98
90) Hexachloroethane	13.959	117	148116	50.418	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	339980	51.995	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20989	52.406	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	195325	52.108	ug/l	98
94) Hexachlorobutadiene	15.111	225	103756	52.903	ug/l	98
95) Naphthalene	15.233	128	370968	52.000	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	163027	51.800	ug/l	99

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

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