

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018093.D
 Acq On : 01 May 2024 11:17
 Operator : SY/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 :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 01 16:03:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 14:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	370654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	591634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	511896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	237215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	437005	149.576	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 299.160%#			
35) Dibromofluoromethane	7.710	113	488412	143.653	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 287.300%#			
50) Toluene-d8	10.179	98	1902717	143.351	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 286.700%#			
62) 4-Bromofluorobenzene	12.483	95	667577	146.147	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 292.300%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	404449	136.699	ug/l	97
3) Chloromethane	2.107	50	546380	141.334	ug/l	99
4) Vinyl Chloride	2.247	62	593142	141.810	ug/l	100
6) Chloroethane	2.784	64	370639	142.289	ug/l	98
7) Trichlorofluoromethane	3.119	101	821718	147.567	ug/l	96
8) Diethyl Ether	3.521	74	263354	147.296	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	508053	146.200	ug/l	95
10) Methyl Iodide	4.082	142	702357	152.492	ug/l	98
11) Tert butyl alcohol	4.966	59	158833	736.339	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	515648	145.516	ug/l	96
13) Acrolein	3.722	56	254255	717.397	ug/l	98
14) Allyl chloride	4.472	41	709285	151.391	ug/l	97
15) Acrylonitrile	5.155	53	504260	750.849	ug/l	99
16) Acetone	3.942	43	439914	737.762	ug/l	93
17) Carbon Disulfide	4.186	76	1534289	145.003	ug/l	98
18) Methyl Acetate	4.472	43	211739	148.542	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	1225002	150.650	ug/l	99
20) Methylene Chloride	4.704	84	519905	133.304	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	562168	149.235	ug/l	99
22) Diisopropyl ether	6.112	45	1576329	163.362	ug/l	98
23) Vinyl Acetate	6.051	43	4942889	807.653	ug/l	97
24) 1,1-Dichloroethane	6.009	63	877856	150.663	ug/l	99
25) 2-Butanone	6.978	43	680500	785.896	ug/l	94
26) 2,2-Dichloropropane	6.972	77	810100	148.665	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	663992	147.803	ug/l	99
28) Bromochloromethane	7.325	49	355859	151.128	ug/l	96
29) Tetrahydrofuran	7.344	42	422149	766.889	ug/l	94
30) Chloroform	7.496	83	930058	150.844	ug/l	98
31) Cyclohexane	7.783	56	789111	140.960	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	852931	151.561	ug/l	98
36) 1,1-Dichloropropene	7.911	75	673380	148.372	ug/l	98
37) Ethyl Acetate	7.063	43	311341	157.641	ug/l	95
38) Carbon Tetrachloride	7.892	117	774862	150.423	ug/l	100
39) Methylcyclohexane	9.179	83	980839	147.141	ug/l	96
40) Benzene	8.155	78	2160513	148.148	ug/l	98
41) Methacrylonitrile	7.301	41	184762m	149.234	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	521892	154.470	ug/l	100
43) Isopropyl Acetate	8.264	43	633883	152.769	ug/l	94
44) Trichloroethene	8.935	130	607299	146.844	ug/l	98
45) 1,2-Dichloropropane	9.215	63	474142	149.014	ug/l	99
46) Dibromomethane	9.301	93	288453	149.107	ug/l	94
47) Bromodichloromethane	9.496	83	711536	149.820	ug/l	99
48) Methyl methacrylate	9.289	41	300907	158.425	ug/l	88
49) 1,4-Dioxane	9.307	88	62937	2932.381	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	1604859	791.918	ug/l	93
52) Toluene	10.240	92	1456761	150.933	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	705868	153.822	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	814570	151.099	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	390310	150.007	ug/l	98
56) Ethyl methacrylate	10.508	69	576314	156.660	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	631020	151.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	1261630	734.668	ug/l	95
59) 2-Hexanone	10.831	43	1171884	810.209	ug/l	91
60) Dibromochloromethane	10.983	129	533040	150.831	ug/l	99
61) 1,2-Dibromoethane	11.087	107	376670	151.073	ug/l	100
64) Tetrachloroethene	10.721	164	538327	145.280	ug/l	100
65) Chlorobenzene	11.514	112	1600745	148.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	542474	149.256	ug/l	99
67) Ethyl Benzene	11.593	91	2736496	151.028	ug/l	96
68) m/p-Xylenes	11.703	106	2187761	301.340	ug/l	100
69) o-Xylene	12.026	106	1058607	151.781	ug/l	98
70) Styrene	12.044	104	1808525	154.067	ug/l	98
71) Bromoform	12.209	173	322444	151.392	ug/l #	98
73) Isopropylbenzene	12.331	105	2692757	150.824	ug/l	98
74) N-amyl acetate	12.142	43	633273	161.610	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	432955	152.402	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	302327m	82.112	ug/l	
77) Bromobenzene	12.605	156	627413	147.897	ug/l	99
78) n-propylbenzene	12.672	91	3095332	150.558	ug/l	98
79) 2-Chlorotoluene	12.757	91	1794578	153.694	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	2150854	149.478	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	168431	154.128	ug/l	97
82) 4-Chlorotoluene	12.855	91	1861305	155.565	ug/l	100
83) tert-Butylbenzene	13.074	119	1951475	148.136	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	2125903	150.816	ug/l	100
85) sec-Butylbenzene	13.251	105	2801785	148.209	ug/l	98
86) p-Isopropyltoluene	13.367	119	2324141	147.525	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	1184993	146.046	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	1172395	146.602	ug/l	98
89) n-Butylbenzene	13.696	91	2119934	152.053	ug/l	97
90) Hexachloroethane	13.958	117	472895	147.744	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	1045119	147.819	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	64484	150.474	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	607967	153.858	ug/l	99
94) Hexachlorobutadiene	15.111	225	310243	141.839	ug/l	98
95) Naphthalene	15.233	128	1168198	160.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	511771	155.210	ug/l	99

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

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

