

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018171.D
 Acq On : 07 May 2024 15:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY050724

Quant Time: May 08 01:46:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	254619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	412094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81556	43.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.080%		
35) Dibromofluoromethane	7.710	113	96024	44.338	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.680%		
50) Toluene-d8	10.179	98	370384	43.399	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.800%		
62) 4-Bromofluorobenzene	12.483	95	115551	41.925	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	87308	43.238	ug/l	98
3) Chloromethane	2.107	50	126023	46.623	ug/l	99
4) Vinyl Chloride	2.241	62	152773	46.625	ug/l	98
5) Bromomethane	2.643	94	105193	46.227	ug/l	99
6) Chloroethane	2.790	64	97725	46.994	ug/l	95
7) Trichlorofluoromethane	3.119	101	175472	45.720	ug/l	95
8) Diethyl Ether	3.521	74	57314	45.362	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	108751	44.460	ug/l	96
10) Methyl Iodide	4.082	142	131158	45.919	ug/l	99
11) Tert butyl alcohol	4.942	59	43014	261.830	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	112549	45.707	ug/l	92
13) Acrolein	3.716	56	37379	203.358	ug/l	94
14) Allyl chloride	4.472	41	143211	45.717	ug/l	98
15) Acrylonitrile	5.155	53	116544	239.862	ug/l	96
16) Acetone	3.930	43	91970	246.037	ug/l	96
17) Carbon Disulfide	4.186	76	323672	48.284	ug/l	98
18) Methyl Acetate	4.466	43	44595	41.880	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	252659	46.062	ug/l	99
20) Methylene Chloride	4.704	84	133021	50.346	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	119711	45.863	ug/l	95
22) Diisopropyl ether	6.112	45	293593	44.182	ug/l	98
23) Vinyl Acetate	6.051	43	939156	232.528	ug/l	98
24) 1,1-Dichloroethane	6.003	63	185409	45.301	ug/l	99
25) 2-Butanone	6.972	43	141795	237.303	ug/l	91
26) 2,2-Dichloropropane	6.972	77	168115	45.383	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	139710	45.292	ug/l	95
28) Bromochloromethane	7.332	49	73247	44.775	ug/l	93
29) Tetrahydrofuran	7.338	42	90940	230.565	ug/l	98
30) Chloroform	7.502	83	192454	45.042	ug/l	98
31) Cyclohexane	7.777	56	170606	46.676	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	173763	45.373	ug/l	99
36) 1,1-Dichloropropene	7.911	75	142038	45.749	ug/l	97
37) Ethyl Acetate	7.063	43	62807	48.063	ug/l	98
38) Carbon Tetrachloride	7.893	117	157960	46.562	ug/l	97
39) Methylcyclohexane	9.179	83	208431	46.534	ug/l	97
40) Benzene	8.155	78	459710	46.032	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	34654	45.924	ug/l #	90
42) 1,2-Dichloroethane	8.228	62	98931	45.529	ug/l	96
43) Isopropyl Acetate	8.271	43	128668	48.037	ug/l	95
44) Trichloroethene	8.935	130	125631	46.211	ug/l	100
45) 1,2-Dichloropropane	9.209	63	99933	45.770	ug/l	95
46) Dibromomethane	9.301	93	57172	45.549	ug/l	97
47) Bromodichloromethane	9.490	83	143025	46.092	ug/l	100
48) Methyl methacrylate	9.289	41	58611	47.744	ug/l	91
49) 1,4-Dioxane	9.289	88	14885	893.410	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	321330	238.687	ug/l	96
52) Toluene	10.240	92	296256	46.079	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	134790	46.505	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	165702	46.770	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	79033	45.836	ug/l	97
56) Ethyl methacrylate	10.508	69	110253	47.081	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	128714	45.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	270946	242.303	ug/l	95
59) 2-Hexanone	10.831	43	229571	243.888	ug/l	95
60) Dibromochloromethane	10.983	129	103114	46.093	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75060	46.217	ug/l	100
64) Tetrachloroethene	10.721	164	108152	46.327	ug/l	96
65) Chlorobenzene	11.514	112	323482	45.297	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	104423	45.206	ug/l	99
67) Ethyl Benzene	11.593	91	548859	45.520	ug/l	95
68) m/p-Xylenes	11.703	106	434188	91.059	ug/l	96
69) o-Xylene	12.026	106	208527	45.571	ug/l	95
70) Styrene	12.044	104	345163	45.168	ug/l	98
71) Bromoform	12.209	173	59073	46.220	ug/l #	99
73) Isopropylbenzene	12.331	105	535975	44.708	ug/l	99
74) N-amyl acetate	12.142	43	116768	46.921	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	84457	44.163	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	61363m	47.945	ug/l	
77) Bromobenzene	12.605	156	123160	44.719	ug/l	94
78) n-propylbenzene	12.672	91	623236	44.695	ug/l	97
79) 2-Chlorotoluene	12.758	91	338713	43.712	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	419884	44.417	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	30801	46.367	ug/l	97
82) 4-Chlorotoluene	12.855	91	347033	44.586	ug/l	97
83) tert-Butylbenzene	13.075	119	393900	45.175	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	413374	44.641	ug/l	97
85) sec-Butylbenzene	13.251	105	572318	44.747	ug/l	98
86) p-Isopropyltoluene	13.367	119	469507	44.623	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	237781	44.706	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	232001	44.744	ug/l	99
89) n-Butylbenzene	13.696	91	433352	45.509	ug/l	97
90) Hexachloroethane	13.959	117	90619	43.900	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	205362	44.922	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12300	47.235	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	119224	46.390	ug/l	99
94) Hexachlorobutadiene	15.111	225	66205	46.689	ug/l	98
95) Naphthalene	15.239	128	221334	46.999	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	100083	47.452	ug/l	99

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

