

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017094.D
 Acq On : 24 Jan 2024 16:25
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012424

Quant Time: Jan 25 04:45:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	135114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	229181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	197842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	73166	55.579	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.160%			
35) Dibromofluoromethane	7.734	113	75544	54.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.240%			
50) Toluene-d8	10.197	98	294407	56.352	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.700%			
62) 4-Bromofluorobenzene	12.495	95	91474	56.837	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	48309	49.278	ug/l	95
3) Chloromethane	2.125	50	100828	60.369	ug/l	100
4) Vinyl Chloride	2.265	62	116400	60.787	ug/l	99
5) Bromomethane	2.668	94	86448	60.209	ug/l	95
6) Chloroethane	2.808	64	76593	60.549	ug/l	100
7) Trichlorofluoromethane	3.137	101	141353	64.635	ug/l	99
8) Diethyl Ether	3.546	74	39684	50.976	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.924	101	75409	49.897	ug/l	98
10) Methyl Iodide	4.113	142	77309	53.846	ug/l	98
11) Tert butyl alcohol	4.990	59	22214	228.471	ug/l #	87
12) 1,1-Dichloroethene	3.893	96	71581	51.742	ug/l	96
13) Acrolein	3.747	56	36530	231.379	ug/l	99
14) Allyl chloride	4.503	41	109898	52.558	ug/l	99
15) Acrylonitrile	5.186	53	84821	251.051	ug/l	99
16) Acetone	3.972	43	84084	235.120	ug/l	100
17) Carbon Disulfide	4.216	76	211349	50.688	ug/l	99
18) Methyl Acetate	4.503	43	72306	53.542	ug/l	99
19) Methyl tert-butyl Ether	5.240	73	178164	52.776	ug/l	100
20) Methylene Chloride	4.741	84	87407	61.053	ug/l	98
21) trans-1,2-Dichloroethene	5.240	96	84738	52.956	ug/l	97
22) Diisopropyl ether	6.143	45	252497	54.705	ug/l	94
23) Vinyl Acetate	6.082	43	591438	264.161	ug/l	99
24) 1,1-Dichloroethane	6.039	63	147101	52.251	ug/l	98
25) 2-Butanone	7.008	43	114781	233.632	ug/l	98
26) 2,2-Dichloropropane	7.002	77	126463	52.594	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	93608	52.789	ug/l	99
28) Bromochloromethane	7.356	49	59302	52.911	ug/l	99
29) Tetrahydrofuran	7.368	42	69310	259.648	ug/l	99
30) Chloroform	7.527	83	147347	51.400	ug/l	100
31) Cyclohexane	7.807	56	127911	55.089	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	128635	52.330	ug/l	99
36) 1,1-Dichloropropene	7.935	75	117175	51.487	ug/l	100
37) Ethyl Acetate	7.094	43	49181	50.258	ug/l	99
38) Carbon Tetrachloride	7.917	117	112719	50.542	ug/l	98
39) Methylcyclohexane	9.203	83	142943	52.221	ug/l	97
40) Benzene	8.179	78	342015	51.748	ug/l	100

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41) Methacrylonitrile	7.332	41	27278	52.121	ug/l	95
42) 1,2-Dichloroethane	8.252	62	88141	51.439	ug/l	100
43) Isopropyl Acetate	8.289	43	96165	52.640	ug/l	99
44) Trichloroethene	8.959	130	87035	51.343	ug/l	98
45) 1,2-Dichloropropane	9.234	63	84162	51.881	ug/l	99
46) Dibromomethane	9.325	93	43682	50.703	ug/l	99
47) Bromodichloromethane	9.514	83	115356	52.632	ug/l	96
48) Methyl methacrylate	9.307	41	54286	53.520	ug/l	99
49) 1,4-Dioxane	9.325	88	8601	1015.082	ug/l	94
51) 4-Methyl-2-Pentanone	10.087	43	253952	261.325	ug/l	99
52) Toluene	10.258	92	211843	52.956	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	106883	53.382	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	129300	52.506	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	61399	50.992	ug/l	99
56) Ethyl methacrylate	10.526	69	57001	54.134	ug/l	98
57) 1,3-Dichloropropane	10.807	76	105758	51.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	212431	290.639	ug/l	99
59) 2-Hexanone	10.849	43	181201	244.409	ug/l	99
60) Dibromochloromethane	11.002	129	72194	51.607	ug/l	98
61) 1,2-Dibromoethane	11.105	107	56548	51.697	ug/l	98
64) Tetrachloroethene	10.739	164	68945	49.996	ug/l	96
65) Chlorobenzene	11.532	112	217459	51.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	79578	51.964	ug/l	99
67) Ethyl Benzene	11.611	91	406696	53.361	ug/l	99
68) m/p-Xylenes	11.721	106	305192	106.577	ug/l	99
69) o-Xylene	12.044	106	140514	54.019	ug/l	98
70) Styrene	12.062	104	207091	54.840	ug/l	99
71) Bromoform	12.221	173	39814	51.848	ug/l #	99
73) Isopropylbenzene	12.343	105	380561	51.775	ug/l	99
74) N-amyl acetate	12.160	43	79296	53.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	69456	49.555	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	45146m	41.599	ug/l	
77) Bromobenzene	12.623	156	81048	50.959	ug/l	98
78) n-propylbenzene	12.684	91	463521	52.431	ug/l	100
79) 2-Chlorotoluene	12.770	91	249601	51.450	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	305476	52.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	21020	50.143	ug/l	99
82) 4-Chlorotoluene	12.867	91	257836	51.281	ug/l	99
83) tert-Butylbenzene	13.087	119	267874	53.237	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	306751	53.055	ug/l	99
85) sec-Butylbenzene	13.270	105	393488	52.813	ug/l	99
86) p-Isopropyltoluene	13.385	119	330536	53.259	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	160151	51.003	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	156097	50.525	ug/l	100
89) n-Butylbenzene	13.708	91	322448	53.865	ug/l	100
90) Hexachloroethane	13.977	117	65075	50.308	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	135616	50.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9078	50.712	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	74680	53.293	ug/l	98
94) Hexachlorobutadiene	15.129	225	42111	49.932	ug/l	99
95) Naphthalene	15.251	128	136297	55.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	61398	52.665	ug/l	97

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

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