

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017096.D
 Acq On : 24 Jan 2024 17:53
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 25 03:48:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 03:44:22 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	122363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	214305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	180655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	13156	11.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.080%#		
35) Dibromofluoromethane	7.740	113	13768	10.645	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.280%#		
50) Toluene-d8	10.197	98	53061	10.861	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	21.720%#		
62) 4-Bromofluorobenzene	12.495	95	15994	10.628	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	21.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	12283	11.552	ug/l	91
3) Chloromethane	2.125	50	19521	10.942	ug/l	99
4) Vinyl Chloride	2.265	62	22133	10.855	ug/l	97
5) Bromomethane	2.668	94	16578	10.913	ug/l	99
6) Chloroethane	2.808	64	14336	10.974	ug/l	99
7) Trichlorofluoromethane	3.143	101	23066	9.761	ug/l	98
8) Diethyl Ether	3.546	74	6871	9.746	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	13608	9.943	ug/l	96
10) Methyl Iodide	4.107	142	12776	9.826	ug/l	98
11) Tert butyl alcohol	4.985	59	5046	55.853	ug/l	96
12) 1,1-Dichloroethene	3.899	96	12332	9.843	ug/l	96
13) Acrolein	3.753	56	7115	49.762	ug/l	100
14) Allyl chloride	4.497	41	18483	9.760	ug/l	95
15) Acrylonitrile	5.192	53	13704	44.787	ug/l	98
16) Acetone	3.960	43	20456	52.901	ug/l	96
17) Carbon Disulfide	4.216	76	38334	10.152	ug/l	97
18) Methyl Acetate	4.503	43	10694	8.744	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	27047	8.847	ug/l #	89
20) Methylene Chloride	4.741	84	33957	20.671	ug/l	93
21) trans-1,2-Dichloroethene	5.247	96	15053	10.387	ug/l	92
22) Diisopropyl ether	6.143	45	40372	9.658	ug/l	97
23) Vinyl Acetate	6.082	43	91158	44.958	ug/l	98
24) 1,1-Dichloroethane	6.039	63	26052	10.218	ug/l	95
25) 2-Butanone	7.002	43	22111	46.585	ug/l	97
26) 2,2-Dichloropropane	7.009	77	21322	9.792	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	16151	10.057	ug/l	98
28) Bromochloromethane	7.356	49	10721	10.562	ug/l	99
29) Tetrahydrofuran	7.368	42	10435	43.165	ug/l	97
30) Chloroform	7.527	83	26172	10.081	ug/l	96
31) Cyclohexane	7.807	56	24209	10.277	ug/l #	87
32) 1,1,1-Trichloroethane	7.722	97	22558	10.133	ug/l	99
36) 1,1-Dichloropropene	7.935	75	20642	9.700	ug/l	99
37) Ethyl Acetate	7.094	43	8122	8.876	ug/l	97
38) Carbon Tetrachloride	7.923	117	19975	9.578	ug/l	97
39) Methylcyclohexane	9.203	83	23168	9.051	ug/l	96
40) Benzene	8.179	78	58964	9.541	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	4056	8.288	ug/l	93
42) 1,2-Dichloroethane	8.258	62	14797	9.235	ug/l	100
43) Isopropyl Acetate	8.295	43	14153	8.285	ug/l	97
44) Trichloroethene	8.953	130	15436	9.738	ug/l	88
45) 1,2-Dichloropropane	9.234	63	14646	9.655	ug/l	98
46) Dibromomethane	9.325	93	7297	9.058	ug/l	99
47) Bromodichloromethane	9.514	83	19153	9.345	ug/l	98
48) Methyl methacrylate	9.313	41	7564	7.975	ug/l	97
49) 1,4-Dioxane	9.301	88	1448	182.754	ug/l	91
51) 4-Methyl-2-Pentanone	10.087	43	36209	39.847	ug/l	99
52) Toluene	10.258	92	35250	9.423	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	16481	8.803	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	21009	9.124	ug/l	93
55) 1,1,2-Trichloroethane	10.660	97	9599	8.525	ug/l	93
56) Ethyl methacrylate	10.526	69	7718	7.839	ug/l	96
57) 1,3-Dichloropropane	10.807	76	17535	9.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	31331	45.841	ug/l	98
59) 2-Hexanone	10.849	43	28515	41.132	ug/l	100
60) Dibromochloromethane	11.002	129	11036	8.437	ug/l	97
61) 1,2-Dibromoethane	11.105	107	9007	8.806	ug/l	99
64) Tetrachloroethene	10.733	164	12255	9.732	ug/l	97
65) Chlorobenzene	11.532	112	36297	9.481	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	13169	9.417	ug/l	98
67) Ethyl Benzene	11.605	91	63967	9.191	ug/l	98
68) m/p-Xylenes	11.715	106	47636	18.218	ug/l	100
69) o-Xylene	12.044	106	21978	9.253	ug/l	97
70) Styrene	12.056	104	31217	9.053	ug/l	97
71) Bromoform	12.221	173	5957	8.496	ug/l #	99
73) Isopropylbenzene	12.343	105	58907	9.385	ug/l	100
74) N-amyl acetate	12.154	43	10514	8.310	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	10572	8.833	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	9203m	6.842	ug/l	
77) Bromobenzene	12.623	156	12483	9.191	ug/l	95
78) n-propylbenzene	12.684	91	72913	9.658	ug/l	99
79) 2-Chlorotoluene	12.770	91	40144	9.690	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	47127	9.487	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	2903	8.109	ug/l	97
82) 4-Chlorotoluene	12.867	91	42113	9.808	ug/l	99
83) tert-Butylbenzene	13.087	119	40329	9.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	45602	9.236	ug/l	98
85) sec-Butylbenzene	13.264	105	62260	9.786	ug/l	99
86) p-Isopropyltoluene	13.379	119	48748	9.198	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	25293	9.433	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	25270	9.578	ug/l	96
89) n-Butylbenzene	13.709	91	47364	9.265	ug/l	98
90) Hexachloroethane	13.977	117	10878	9.848	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	21183	9.251	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1361	8.903	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	10053	8.401	ug/l	98
94) Hexachlorobutadiene	15.117	225	6820	9.470	ug/l	96
95) Naphthalene	15.251	128	15442	7.306	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	8028	8.064	ug/l	95

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

