

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017098.D
 Acq On : 24 Jan 2024 18:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012424

Quant Time: Jan 25 04:47:22 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	119059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	200285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	73182	63.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.180%			
35) Dibromofluoromethane	7.734	113	74225	61.404	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.800%			
50) Toluene-d8	10.197	98	280825	61.508	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 123.020%			
62) 4-Bromofluorobenzene	12.496	95	89679	63.761	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 127.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	40860	47.041	ug/l	96
3) Chloromethane	2.119	50	75620	50.288	ug/l	98
4) Vinyl Chloride	2.260	62	90160	52.803	ug/l	99
5) Bromomethane	2.668	94	66871	52.363	ug/l	98
6) Chloroethane	2.808	64	59728	53.124	ug/l	99
7) Trichlorofluoromethane	3.144	101	96649	49.296	ug/l	99
8) Diethyl Ether	3.546	74	33483	48.811	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	60176	45.187	ug/l	99
10) Methyl Iodide	4.113	142	63159	49.922	ug/l	98
11) Tert butyl alcohol	4.979	59	21560	253.914	ug/l	98
12) 1,1-Dichloroethene	3.893	96	56910	46.685	ug/l	97
13) Acrolein	3.747	56	36605	263.119	ug/l	99
14) Allyl chloride	4.503	41	89963	48.826	ug/l	99
15) Acrylonitrile	5.180	53	76205	255.965	ug/l	100
16) Acetone	3.967	43	76194	243.239	ug/l	99
17) Carbon Disulfide	4.216	76	169941	46.253	ug/l	99
18) Methyl Acetate	4.497	43	64988	54.612	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	154565	51.959	ug/l	99
20) Methylene Chloride	4.741	84	73059	57.557	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	68736	48.748	ug/l	98
22) Diisopropyl ether	6.137	45	208034	51.150	ug/l	98
23) Vinyl Acetate	6.082	43	501447	254.169	ug/l	100
24) 1,1-Dichloroethane	6.039	63	118896	47.928	ug/l	98
25) 2-Butanone	7.009	43	105150	244.123	ug/l	97
26) 2,2-Dichloropropane	7.009	77	100075	47.232	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	76928	49.233	ug/l	99
28) Bromochloromethane	7.356	49	59941	60.693	ug/l	98
29) Tetrahydrofuran	7.368	42	62695	266.538	ug/l	99
30) Chloroform	7.527	83	124083	49.122	ug/l	99
31) Cyclohexane	7.801	56	103580	50.353	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	105278	48.603	ug/l	100
36) 1,1-Dichloropropene	7.935	75	94388	47.458	ug/l	99
37) Ethyl Acetate	7.094	43	43737	51.143	ug/l	100
38) Carbon Tetrachloride	7.917	117	92148	47.279	ug/l	99
39) Methylcyclohexane	9.197	83	114787	47.985	ug/l	99
40) Benzene	8.179	78	280722	48.602	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	22379	48.929	ug/l	90
42) 1,2-Dichloroethane	8.252	62	75666	50.530	ug/l	99
43) Isopropyl Acetate	8.289	43	84228	52.758	ug/l	99
44) Trichloroethene	8.953	130	71216	48.073	ug/l	97
45) 1,2-Dichloropropane	9.228	63	68792	48.524	ug/l	97
46) Dibromomethane	9.319	93	37888	50.323	ug/l	99
47) Bromodichloromethane	9.514	83	94983	49.589	ug/l	97
48) Methyl methacrylate	9.307	41	47937	54.079	ug/l	99
49) 1,4-Dioxane	9.313	88	8245	1113.456	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	224867	264.780	ug/l	99
52) Toluene	10.258	92	172947	49.470	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	90812	51.899	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	109114	50.702	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	51830	49.255	ug/l	95
56) Ethyl methacrylate	10.520	69	50592	54.980	ug/l	99
57) 1,3-Dichloropropane	10.807	76	90791	51.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	215751	337.769	ug/l	100
59) 2-Hexanone	10.843	43	161339	249.016	ug/l	100
60) Dibromochloromethane	11.002	129	61132	50.004	ug/l	99
61) 1,2-Dibromoethane	11.099	107	48835	51.087	ug/l	100
64) Tetrachloroethene	10.734	164	58152	47.801	ug/l	96
65) Chlorobenzene	11.532	112	179993	48.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	66143	48.959	ug/l	98
67) Ethyl Benzene	11.605	91	330235	49.114	ug/l	99
68) m/p-Xylenes	11.715	106	248631	98.420	ug/l	100
69) o-Xylene	12.044	106	116712	50.860	ug/l	98
70) Styrene	12.057	104	171824	51.577	ug/l	99
71) Bromoform	12.221	173	34407	50.790	ug/l #	98
73) Isopropylbenzene	12.343	105	310473	48.010	ug/l	100
74) N-amyl acetate	12.154	43	69288	53.156	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	61170	49.605	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	43185m	45.228	ug/l	
77) Bromobenzene	12.624	156	68297	48.808	ug/l	99
78) n-propylbenzene	12.684	91	379807	48.830	ug/l	100
79) 2-Chlorotoluene	12.770	91	204606	47.937	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	251796	49.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	18575	50.364	ug/l	98
82) 4-Chlorotoluene	12.867	91	216335	48.904	ug/l	100
83) tert-Butylbenzene	13.087	119	215867	48.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	252307	49.600	ug/l	99
85) sec-Butylbenzene	13.264	105	320137	48.838	ug/l	99
86) p-Isopropyltoluene	13.379	119	272597	49.924	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	133535	48.336	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	131332	48.316	ug/l	99
89) n-Butylbenzene	13.709	91	263356	50.004	ug/l	99
90) Hexachloroethane	13.971	117	53535	47.040	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	116155	49.233	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8136	51.659	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	62442	50.647	ug/l	98
94) Hexachlorobutadiene	15.123	225	34262	46.175	ug/l	99
95) Naphthalene	15.251	128	117890	54.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	51924	50.623	ug/l	98

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

