

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017101.D
 Acq On : 25 Jan 2024 11:27
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012524

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 26 04:40:48 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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	129165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	216193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	186532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66085	52.512	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.020%			
35) Dibromofluoromethane	7.728	113	67266	51.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.100%			
50) Toluene-d8	10.191	98	259767	52.709	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.420%			
62) 4-Bromofluorobenzene	12.489	95	80492	53.018	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42742	45.129	ug/l	95
3) Chloromethane	2.119	50	81137	49.661	ug/l	99
4) Vinyl Chloride	2.253	62	98725	53.344	ug/l	97
5) Bromomethane	2.662	94	71969	51.913	ug/l	97
6) Chloroethane	2.802	64	65253	53.525	ug/l	99
7) Trichlorofluoromethane	3.131	101	102845	48.278	ug/l	99
8) Diethyl Ether	3.533	74	33660	45.230	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	62220	43.066	ug/l	99
10) Methyl Iodide	4.100	142	65204	47.506	ug/l	98
11) Tert butyl alcohol	4.960	59	21883	236.061	ug/l	100
12) 1,1-Dichloroethene	3.887	96	59470	44.968	ug/l	95
13) Acrolein	3.735	56	35912	237.941	ug/l	99
14) Allyl chloride	4.491	41	94153	47.102	ug/l	99
15) Acrylonitrile	5.167	53	76311	236.266	ug/l	99
16) Acetone	3.954	43	76696	222.084	ug/l	99
17) Carbon Disulfide	4.204	76	176168	44.197	ug/l	99
18) Methyl Acetate	4.484	43	65252	50.544	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	153510	47.567	ug/l	99
20) Methylene Chloride	4.728	84	68541	48.838	ug/l	97
21) trans-1,2-Dichloroethene	5.240	96	70080	45.812	ug/l	96
22) Diisopropyl ether	6.131	45	211733	47.986	ug/l	97
23) Vinyl Acetate	6.070	43	505950	236.387	ug/l	100
24) 1,1-Dichloroethane	6.033	63	121799	45.256	ug/l	98
25) 2-Butanone	6.996	43	103454	218.643	ug/l	98
26) 2,2-Dichloropropane	6.996	77	105711	45.988	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	78636	46.388	ug/l	99
28) Bromochloromethane	7.344	49	58002	54.135	ug/l	99
29) Tetrahydrofuran	7.362	42	62175	243.646	ug/l	100
30) Chloroform	7.521	83	124749	45.521	ug/l	96
31) Cyclohexane	7.801	56	107154	47.859	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	108462	46.155	ug/l	99
36) 1,1-Dichloropropene	7.929	75	99450	46.324	ug/l	100
37) Ethyl Acetate	7.088	43	43456	47.075	ug/l	99
38) Carbon Tetrachloride	7.911	117	95183	45.243	ug/l	99
39) Methylcyclohexane	9.197	83	117198	45.388	ug/l	99
40) Benzene	8.173	78	287040	46.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22243	45.053	ug/l	94
42) 1,2-Dichloroethane	8.246	62	74473	46.074	ug/l	99
43) Isopropyl Acetate	8.283	43	81538	47.315	ug/l	99
44) Trichloroethene	8.953	130	72883	45.578	ug/l	98
45) 1,2-Dichloropropane	9.228	63	71305	46.596	ug/l	100
46) Dibromomethane	9.313	93	37582	46.244	ug/l	98
47) Bromodichloromethane	9.508	83	95785	46.328	ug/l	96
48) Methyl methacrylate	9.301	41	47435	49.575	ug/l	99
49) 1,4-Dioxane	9.307	88	8538	1068.182	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	222327	242.527	ug/l	100
52) Toluene	10.252	92	176752	46.838	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	91891	48.652	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	109942	47.328	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	51780	45.587	ug/l	96
56) Ethyl methacrylate	10.520	69	49213	49.546	ug/l	99
57) 1,3-Dichloropropane	10.800	76	89830	46.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	205044	297.386	ug/l	99
59) 2-Hexanone	10.843	43	156627	223.955	ug/l	99
60) Dibromochloromethane	10.996	129	60827	46.094	ug/l	99
61) 1,2-Dibromoethane	11.099	107	48799	47.293	ug/l	99
64) Tetrachloroethene	10.727	164	57437	44.176	ug/l	99
65) Chlorobenzene	11.526	112	178400	45.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	65979	45.696	ug/l	99
67) Ethyl Benzene	11.599	91	334080	46.491	ug/l	99
68) m/p-Xylenes	11.709	106	250597	92.818	ug/l	99
69) o-Xylene	12.038	106	116856	47.648	ug/l	99
70) Styrene	12.056	104	172009	48.312	ug/l	99
71) Bromoform	12.215	173	32912	45.459	ug/l #	96
73) Isopropylbenzene	12.337	105	312354	46.186	ug/l	100
74) N-amyl acetate	12.154	43	65060	47.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	59340	46.014	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	45361m	45.427	ug/l	
77) Bromobenzene	12.617	156	67273	45.971	ug/l	99
78) n-propylbenzene	12.678	91	379689	46.677	ug/l	100
79) 2-Chlorotoluene	12.763	91	206347	46.227	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	249919	46.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	17994	46.652	ug/l	99
82) 4-Chlorotoluene	12.861	91	212679	45.972	ug/l	99
83) tert-Butylbenzene	13.080	119	210547	45.477	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	247368	46.499	ug/l	99
85) sec-Butylbenzene	13.263	105	321250	46.861	ug/l	100
86) p-Isopropyltoluene	13.379	119	268935	47.096	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	130770	45.262	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	127401	44.817	ug/l	99
89) n-Butylbenzene	13.702	91	258620	46.954	ug/l	100
90) Hexachloroethane	13.971	117	53532	44.977	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	113153	45.861	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7533	45.735	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	57526	44.616	ug/l	99
94) Hexachlorobutadiene	15.117	225	33039	42.576	ug/l	99
95) Naphthalene	15.245	128	107763	47.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	47336	44.128	ug/l	99

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

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