

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017146.D
 Acq On : 30 Jan 2024 16:12
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 31 00:28:49 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 :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	117062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	234426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	227108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	47555	41.695	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.380%		
35) Dibromofluoromethane	7.734	113	53600	37.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.760%		
50) Toluene-d8	10.191	98	212625	39.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.580%		
62) 4-Bromofluorobenzene	12.489	95	72291	43.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.820%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.539	74	2222	3.294	ug/l	94
11) Tert butyl alcohol	4.966	59	12012	138.237	ug/l	99
13) Acrolein	3.747	56	5476	40.033	ug/l	100
15) Acrylonitrile	5.179	53	34246	116.991	ug/l	99
16) Acetone	3.960	43	35210	94.081	ug/l	96
18) Methyl Acetate	4.497	43	28501	24.359	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	12634	4.320	ug/l	95
23) Vinyl Acetate	6.076	43	7725	3.982	ug/l #	94
25) 2-Butanone	7.002	43	46427	99.872	ug/l	98
28) Bromochloromethane	7.350	49	1794	1.847	ug/l #	95
29) Tetrahydrofuran	7.368	42	29234	126.404	ug/l	98
37) Ethyl Acetate	7.094	43	15837	15.822	ug/l	99
41) Methacrylonitrile	7.331	41	7840m	14.645	ug/l	
42) 1,2-Dichloroethane	8.252	62	4206	2.400	ug/l	95
43) Isopropyl Acetate	8.289	43	19836	10.615	ug/l #	90
44) Trichloroethene	8.953	130	2858	1.648	ug/l	95
46) Dibromomethane	9.313	93	3199	3.630	ug/l	97
48) Methyl methacrylate	9.307	41	11158	10.754	ug/l	97
49) 1,4-Dioxane	9.319	88	4885	563.624	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	81843	82.335	ug/l	100
53) t-1,3-Dichloropropene	10.483	75	3536	1.727	ug/l	100
55) 1,1,2-Trichloroethane	10.660	97	4528	3.676	ug/l	94
56) Ethyl methacrylate	10.526	69	6919	6.424	ug/l	95
57) 1,3-Dichloropropane	10.800	76	6650	3.194	ug/l #	83
58) 2-Chloroethyl Vinyl ether	9.794	63	31457	42.075	ug/l	98
59) 2-Hexanone	10.843	43	61467	81.054	ug/l	97
60) Dibromochloromethane	10.995	129	3348	2.340	ug/l	96
61) 1,2-Dibromoethane	11.099	107	5618	5.021	ug/l	98
71) Bromoform	12.215	173	5092	5.777	ug/l #	99
74) N-amyl acetate	12.154	43	12147	8.132	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.593	83	9069	6.417	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	9880m	9.029	ug/l	
81) trans-1,4-Dichloro-2-b...	12.392	75	3427	8.108	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3010	16.677	ug/l	97
95) Naphthalene	15.245	128	16535	6.626	ug/l	96
96) 1,2,3-Trichlorobenzene	15.440	180	1217	1.035	ug/l #	64

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

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