

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
 Data File : VY017129.D
 Acq On : 29 Jan 2024 12:31
 Operator : SY/MD
 Sample : VY0129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

Quant Time: Jan 30 00:29:11 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	7.807	168	124693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	210163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	179859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63908	52.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.200%			
35) Dibromofluoromethane	7.734	113	65763	51.846	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.700%			
50) Toluene-d8	10.197	98	250084	52.200	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.400%			
62) 4-Bromofluorobenzene	12.495	95	77946	52.814	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	23069	22.493	ug/l	95
3) Chloromethane	2.125	50	34055	18.682	ug/l	98
4) Vinyl Chloride	2.266	62	40261	19.526	ug/l	97
5) Bromomethane	2.662	94	30355	20.412	ug/l	94
6) Chloroethane	2.808	64	26109	19.845	ug/l	93
7) Trichlorofluoromethane	3.137	101	44308	19.426	ug/l	100
8) Diethyl Ether	3.546	74	14689	20.446	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.918	101	28025	20.094	ug/l	100
10) Methyl Iodide	4.113	142	24338	18.368	ug/l	98
11) Tert butyl alcohol	4.985	59	10654	114.186	ug/l	97
12) 1,1-Dichloroethene	3.887	96	24391	19.105	ug/l	96
13) Acrolein	3.753	56	14604	100.232	ug/l	100
14) Allyl chloride	4.497	41	38120	19.754	ug/l	99
15) Acrylonitrile	5.192	53	32817	105.249	ug/l	99
16) Acetone	3.966	43	50874	139.754	ug/l	96
17) Carbon Disulfide	4.216	76	61554	15.996	ug/l	98
18) Methyl Acetate	4.497	43	25915	20.794	ug/l	97
19) Methyl tert-butyl Ether	5.247	73	63025	20.229	ug/l	98
20) Methylene Chloride	4.747	84	32833	20.751	ug/l	96
21) trans-1,2-Dichloroethene	5.241	96	27651	18.724	ug/l	99
22) Diisopropyl ether	6.143	45	90072	21.146	ug/l	97
23) Vinyl Acetate	6.082	43	215597	104.342	ug/l	99
24) 1,1-Dichloroethane	6.045	63	53248	20.495	ug/l	99
25) 2-Butanone	7.002	43	60800	125.734	ug/l	97
26) 2,2-Dichloropropane	7.002	77	43831	19.752	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	32828	20.060	ug/l	100
28) Bromochloromethane	7.350	49	21475	20.762	ug/l	100
29) Tetrahydrofuran	7.368	42	26737	108.532	ug/l	98
30) Chloroform	7.527	83	54600	20.638	ug/l	97
31) Cyclohexane	7.801	56	43629	18.244	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	45666	20.130	ug/l	98
36) 1,1-Dichloropropene	7.935	75	39981	19.157	ug/l	100
37) Ethyl Acetate	7.100	43	19624	21.868	ug/l	99
38) Carbon Tetrachloride	7.923	117	39270	19.202	ug/l	97
39) Methylcyclohexane	9.197	83	44504	17.730	ug/l	97
40) Benzene	8.179	78	119575	19.729	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8708	18.144	ug/l #	85
42) 1,2-Dichloroethane	8.252	62	31779	20.225	ug/l	100
43) Isopropyl Acetate	8.289	43	35493	21.187	ug/l	98
44) Trichloroethene	8.959	130	30584	19.675	ug/l	88
45) 1,2-Dichloropropane	9.234	63	31638	21.268	ug/l	99
46) Dibromomethane	9.319	93	16254	20.574	ug/l	98
47) Bromodichloromethane	9.514	83	41343	20.570	ug/l	97
48) Methyl methacrylate	9.307	41	19191	20.632	ug/l	99
49) 1,4-Dioxane	9.313	88	3496	449.931	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	97509	109.420	ug/l	100
52) Toluene	10.258	92	73181	19.949	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	37701	20.533	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	45564	20.177	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	23158	20.973	ug/l	99
56) Ethyl methacrylate	10.526	69	19146	19.828	ug/l	96
57) 1,3-Dichloropropane	10.807	76	38767	20.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	74103	110.559	ug/l	99
59) 2-Hexanone	10.849	43	83948	123.478	ug/l	100
60) Dibromochloromethane	11.002	129	26405	20.583	ug/l	99
61) 1,2-Dibromoethane	11.105	107	20353	20.291	ug/l	98
64) Tetrachloroethene	10.740	164	24832	19.808	ug/l	94
65) Chlorobenzene	11.532	112	77262	20.271	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	28604	20.546	ug/l	98
67) Ethyl Benzene	11.605	91	137359	19.824	ug/l	99
68) m/p-Xylenes	11.715	106	103157	39.626	ug/l	98
69) o-Xylene	12.044	106	47041	19.893	ug/l	100
70) Styrene	12.063	104	70484	20.531	ug/l	99
71) Bromoform	12.221	173	14594	20.905	ug/l #	97
73) Isopropylbenzene	12.343	105	130067	19.482	ug/l	100
74) N-amyl acetate	12.160	43	27882	20.719	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	27124	21.306	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	20040m	20.329	ug/l	
77) Bromobenzene	12.623	156	28826	19.954	ug/l	100
78) n-propylbenzene	12.684	91	160647	20.005	ug/l	100
79) 2-Chlorotoluene	12.770	91	87921	19.952	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	104008	19.684	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7673	20.151	ug/l	96
82) 4-Chlorotoluene	12.867	91	91822	20.106	ug/l	99
83) tert-Butylbenzene	13.087	119	92217	20.177	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	104544	19.907	ug/l	99
85) sec-Butylbenzene	13.270	105	134357	19.853	ug/l	99
86) p-Isopropyltoluene	13.385	119	112509	19.958	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	56942	19.964	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	56317	20.068	ug/l	99
89) n-Butylbenzene	13.709	91	107761	19.819	ug/l	98
90) Hexachloroethane	13.977	117	23155	19.707	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	48958	20.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3243	19.945	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	24607	19.333	ug/l	98
94) Hexachlorobutadiene	15.129	225	14865	19.405	ug/l	99
95) Naphthalene	15.251	128	42022	18.692	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	20185	19.061	ug/l	98

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

