

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018070.D
 Acq On : 29 Apr 2024 15:55
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/30/2024
 Supervised By :Semsettin Yesilyurt 04/30/2024

Quant Time: Apr 30 01:00:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	334530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	526197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	466208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	135307	46.739	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.480%		
35) Dibromofluoromethane	7.703	113	169876	52.329	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.660%		
50) Toluene-d8	10.172	98	625963	50.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.640%		
62) 4-Bromofluorobenzene	12.477	95	191639	50.233	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.893	85	50032	18.852	ug/l	100
3) Chloromethane	2.101	50	75743	17.224	ug/l	98
4) Vinyl Chloride	2.241	62	89398	18.036	ug/l	99
5) Bromomethane	2.637	94	76459	23.176	ug/l	97
6) Chloroethane	2.783	64	59356	18.968	ug/l	98
7) Trichlorofluoromethane	3.113	101	110726	19.822	ug/l	97
8) Diethyl Ether	3.515	74	37689	21.352	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	73699	21.186	ug/l	97
10) Methyl Iodide	4.076	142	87380	18.881	ug/l	96
11) Tert butyl alcohol	4.966	59	21567	95.037	ug/l #	84
12) 1,1-Dichloroethene	3.856	96	67830	20.086	ug/l	94
13) Acrolein	3.722	56	32570	144.460	ug/l	100
14) Allyl chloride	4.460	41	74873	17.133	ug/l	90
15) Acrylonitrile	5.149	53	76594	106.872	ug/l	97
16) Acetone	3.942	43	49751	86.976	ug/l	99
17) Carbon Disulfide	4.179	76	177635	16.535	ug/l	99
18) Methyl Acetate	4.460	43	29981	19.924	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	152768	20.757	ug/l	100
20) Methylene Chloride	4.698	84	117179	30.238	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	73736	19.932	ug/l	96
22) Diisopropyl ether	6.106	45	187739	19.596	ug/l	97
23) Vinyl Acetate	6.051	43	533366	93.884	ug/l	97
24) 1,1-Dichloroethane	6.002	63	127292	20.350	ug/l	97
25) 2-Butanone	6.978	43	81832	97.329	ug/l	99
26) 2,2-Dichloropropane	6.965	77	98292	19.586	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	88952	21.054	ug/l	96
28) Bromochloromethane	7.325	49	53058	21.563	ug/l	90
29) Tetrahydrofuran	7.343	42	52218	97.868	ug/l	97
30) Chloroform	7.496	83	133385	20.864	ug/l	99
31) Cyclohexane	7.776	56	95052	17.178	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	107048	20.104	ug/l	98
36) 1,1-Dichloropropene	7.910	75	90391	19.146	ug/l	100
37) Ethyl Acetate	7.063	43	39494	20.333	ug/l #	96
38) Carbon Tetrachloride	7.892	117	95562	20.035	ug/l	98
39) Methylcyclohexane	9.179	83	110160	17.905	ug/l	98
40) Benzene	8.148	78	303448	20.520	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	29489m	24.060	ug/l	
42) 1,2-Dichloroethane	8.227	62	66426	19.604	ug/l	96
43) Isopropyl Acetate	8.264	43	68512	18.922	ug/l	96
44) Trichloroethene	8.935	130	77314	20.574	ug/l	97
45) 1,2-Dichloropropane	9.209	63	70843	20.811	ug/l	97
46) Dibromomethane	9.300	93	39858	21.168	ug/l	96
47) Bromodichloromethane	9.489	83	99967	21.162	ug/l	97
48) Methyl methacrylate	9.288	41	29204	17.602	ug/l	88
49) 1,4-Dioxane	9.300	88	9636	448.277	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	195911	102.067	ug/l	97
52) Toluene	10.239	92	188613	20.785	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	89102	20.660	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	108852	20.546	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	58975	23.040	ug/l	96
56) Ethyl methacrylate	10.508	69	68536	20.539	ug/l	94
57) 1,3-Dichloropropane	10.782	76	93090	21.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	165495	95.411	ug/l	99
59) 2-Hexanone	10.831	43	132788	101.345	ug/l	95
60) Dibromochloromethane	10.983	129	71327	21.682	ug/l	97
61) 1,2-Dibromoethane	11.087	107	52361	21.950	ug/l	99
64) Tetrachloroethene	10.715	164	68430	20.490	ug/l	98
65) Chlorobenzene	11.513	112	212837	20.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	71738	21.292	ug/l	99
67) Ethyl Benzene	11.587	91	341125	19.828	ug/l	98
68) m/p-Xylenes	11.696	106	267673	40.508	ug/l	100
69) o-Xylene	12.026	106	125611	20.356	ug/l	98
70) Styrene	12.044	104	216589	20.767	ug/l	98
71) Bromoform	12.202	173	41568	21.354	ug/l #	97
73) Isopropylbenzene	12.324	105	323582	19.893	ug/l	99
74) N-amyl acetate	12.141	43	62819	19.131	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.580	83	67413	22.221	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	41678m	19.896	ug/l	
77) Bromobenzene	12.605	156	81286	20.650	ug/l	98
78) n-propylbenzene	12.666	91	402799	20.410	ug/l	100
79) 2-Chlorotoluene	12.751	91	224164	20.293	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	264278	20.490	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20902	20.573	ug/l	95
82) 4-Chlorotoluene	12.849	91	232013	20.280	ug/l	98
83) tert-Butylbenzene	13.074	119	237597	20.169	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	263211	20.492	ug/l	100
85) sec-Butylbenzene	13.251	105	357834	20.223	ug/l	98
86) p-Isopropyltoluene	13.367	119	288169	19.820	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	162305	20.781	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	162279	21.166	ug/l	98
89) n-Butylbenzene	13.690	91	269763	19.722	ug/l	99
90) Hexachloroethane	13.958	117	60760	20.380	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	142546	21.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	7973	20.432	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	80025	20.394	ug/l	99
94) Hexachlorobutadiene	15.110	225	45245	19.437	ug/l	96
95) Naphthalene	15.232	128	136027	21.037	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	69873	21.222	ug/l	99

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

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