

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019109.D
 Acq On : 19 Aug 2024 11:55
 Operator : SY/MD
 Sample : VY0819SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Quant Time: Aug 19 14:51:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
 Supervised By :Semsettin Yesilyurt 08/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	130080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	208343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	184262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	91756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	63746	48.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.780%		
35) Dibromofluoromethane	7.622	113	67562	49.595	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.200%		
50) Toluene-d8	10.103	98	242824	49.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.402	95	84777	50.728	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	101.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	19175	20.092	ug/l	99
3) Chloromethane	2.068	50	31576	18.356	ug/l	98
4) Vinyl Chloride	2.196	62	38993	18.351	ug/l	99
5) Bromomethane	2.574	94	30995	20.389	ug/l	95
6) Chloroethane	2.727	64	24173	16.670	ug/l	94
7) Trichlorofluoromethane	3.044	101	58080	18.079	ug/l	97
8) Diethyl Ether	3.446	74	13742	19.818	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	26294	18.411	ug/l	99
10) Methyl Iodide	3.995	142	24434	17.454	ug/l	94
11) Tert butyl alcohol	4.836	59	13038	90.977	ug/l #	92
12) 1,1-Dichloroethene	3.781	96	24129	18.596	ug/l	98
13) Acrolein	3.629	56	10717	97.404	ug/l	100
14) Allyl chloride	4.366	41	33556	19.451	ug/l	94
15) Acrylonitrile	5.043	53	28480	100.377	ug/l	98
16) Acetone	3.854	43	24739	102.303	ug/l #	78
17) Carbon Disulfide	4.092	76	68096	18.607	ug/l	100
18) Methyl Acetate	4.373	43	14057	18.940	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	62099	19.740	ug/l	99
20) Methylene Chloride	4.598	84	34775	16.253	ug/l	97
21) trans-1,2-Dichloroethene	5.092	96	27825	19.194	ug/l	97
22) Diisopropyl ether	6.000	45	76244	19.306	ug/l #	86
23) Vinyl Acetate	5.939	43	303531	97.077	ug/l	96
24) 1,1-Dichloroethane	5.897	63	45793	18.960	ug/l	97
25) 2-Butanone	6.878	43	37357	95.923	ug/l	98
26) 2,2-Dichloropropane	6.872	77	37753	19.303	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	32701	19.168	ug/l	99
28) Bromochloromethane	7.232	49	19345	19.094	ug/l	100
29) Tetrahydrofuran	7.244	42	23960	95.707	ug/l	90
30) Chloroform	7.403	83	52239	19.411	ug/l	94
31) Cyclohexane	7.689	56	36794	16.893	ug/l	94
32) 1,1,1-Trichloroethane	7.604	97	45170	19.099	ug/l	96
36) 1,1-Dichloropropene	7.823	75	34959	18.688	ug/l	98
37) Ethyl Acetate	6.970	43	18039	21.766	ug/l #	76
38) Carbon Tetrachloride	7.805	117	39909	18.409	ug/l	91
39) Methylcyclohexane	9.097	83	42054	17.518	ug/l	93
40) Benzene	8.067	78	108398	18.894	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	10642m	23.526	ug/l	
42) 1,2-Dichloroethane	8.146	62	29868	19.279	ug/l	99
43) Isopropyl Acetate	8.183	43	32172	19.194	ug/l #	81
44) Trichloroethene	8.853	130	29845	18.643	ug/l	97
45) 1,2-Dichloropropane	9.128	63	24846	19.437	ug/l	92
46) Dibromomethane	9.219	93	16546	19.957	ug/l	97
47) Bromodichloromethane	9.414	83	40381	19.853	ug/l	97
48) Methyl methacrylate	9.213	41	14376	19.245	ug/l #	87
49) 1,4-Dioxane	9.213	88	3583	356.764	ug/l #	90
51) 4-Methyl-2-Pentanone	9.994	43	84747	95.262	ug/l	94
52) Toluene	10.164	92	71828	19.073	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	32713	19.388	ug/l	97
54) cis-1,3-Dichloropropene	9.847	75	39015	19.227	ug/l #	83
55) 1,1,2-Trichloroethane	10.567	97	21494	20.139	ug/l	97
56) Ethyl methacrylate	10.432	69	26145	18.715	ug/l #	84
57) 1,3-Dichloropropane	10.713	76	34330	19.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.701	63	61288	92.478	ug/l	96
59) 2-Hexanone	10.756	43	58584	95.853	ug/l	90
60) Dibromochloromethane	10.908	129	27791	19.118	ug/l	98
61) 1,2-Dibromoethane	11.012	107	20090	19.475	ug/l	100
64) Tetrachloroethene	10.640	164	30654	19.033	ug/l	96
65) Chlorobenzene	11.438	112	80381	18.945	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	28633	19.190	ug/l	98
67) Ethyl Benzene	11.518	91	136026	18.471	ug/l	99
68) m/p-Xylenes	11.627	106	108271	37.053	ug/l	98
69) o-Xylene	11.950	106	51308	18.961	ug/l	99
70) Styrene	11.969	104	86969	18.847	ug/l	98
71) Bromoform	12.133	173	16232	19.031	ug/l #	98
73) Isopropylbenzene	12.255	105	132814	18.885	ug/l	100
74) N-amyl acetate	12.072	43	28396	18.517	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	24138	19.279	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	16564m	18.305	ug/l	
77) Bromobenzene	12.530	156	32190	19.059	ug/l	97
78) n-propylbenzene	12.597	91	155418	18.487	ug/l	99
79) 2-Chlorotoluene	12.676	91	88678	18.814	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	106804	18.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6856	18.712	ug/l	86
82) 4-Chlorotoluene	12.774	91	91991	18.759	ug/l	98
83) tert-Butylbenzene	12.999	119	98334	18.586	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	106308	18.618	ug/l	98
85) sec-Butylbenzene	13.176	105	144182	18.700	ug/l	98
86) p-Isopropyltoluene	13.292	119	118407	18.697	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	62491	18.761	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	63494	19.177	ug/l	99
89) n-Butylbenzene	13.615	91	107664	18.647	ug/l	98
90) Hexachloroethane	13.877	117	24270	19.443	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	56123	19.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3317	18.009	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	31376	18.992	ug/l	98
94) Hexachlorobutadiene	15.023	225	17540	20.383	ug/l	99
95) Naphthalene	15.145	128	53382	18.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	26358	18.917	ug/l	97

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

