

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019110.D
 Acq On : 19 Aug 2024 12:18
 Operator : SY/MD
 Sample : VY0819SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 14:52:01 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

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	129535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	207418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	174524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	85914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	59201	45.592	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.180%		
35) Dibromofluoromethane	7.622	113	63148	46.562	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.120%		
50) Toluene-d8	10.103	98	236658	48.490	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.402	95	77746	46.729	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	93.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	21051	22.150	ug/l	97
3) Chloromethane	2.068	50	32395	18.911	ug/l	96
4) Vinyl Chloride	2.196	62	41145	19.445	ug/l	96
5) Bromomethane	2.580	94	30450	20.024	ug/l	93
6) Chloroethane	2.727	64	25911	18.003	ug/l	97
7) Trichlorofluoromethane	3.044	101	62014	19.385	ug/l	94
8) Diethyl Ether	3.446	74	12958	18.766	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.800	101	27833	19.570	ug/l	95
10) Methyl Iodide	3.995	142	26510	19.017	ug/l	93
11) Tert butyl alcohol	4.836	59	11898	79.218	ug/l #	85
12) 1,1-Dichloroethene	3.775	96	25712	19.899	ug/l	95
13) Acrolein	3.641	56	9861	88.376	ug/l	99
14) Allyl chloride	4.366	41	33233	19.345	ug/l	91
15) Acrylonitrile	5.043	53	26581	94.078	ug/l	98
16) Acetone	3.854	43	22966	95.370	ug/l #	82
17) Carbon Disulfide	4.092	76	70616	19.376	ug/l	99
18) Methyl Acetate	4.373	43	14125	19.112	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	59126	18.874	ug/l	94
20) Methylene Chloride	4.598	84	32656	14.594	ug/l	92
21) trans-1,2-Dichloroethene	5.098	96	28978	20.074	ug/l	90
22) Diisopropyl ether	6.000	45	74564	18.960	ug/l #	83
23) Vinyl Acetate	5.939	43	286703	92.081	ug/l	95
24) 1,1-Dichloroethane	5.903	63	47492	19.747	ug/l	96
25) 2-Butanone	6.878	43	33751	87.029	ug/l	95
26) 2,2-Dichloropropane	6.872	77	38777	19.910	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	32857	19.341	ug/l	97
28) Bromochloromethane	7.232	49	19521	19.349	ug/l	99
29) Tetrahydrofuran	7.250	42	22665	90.915	ug/l	90
30) Chloroform	7.409	83	52422	19.561	ug/l	97
31) Cyclohexane	7.689	56	38863	18.202	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	46022	19.541	ug/l	99
36) 1,1-Dichloropropene	7.823	75	35138	18.868	ug/l	100
37) Ethyl Acetate	6.970	43	15672	18.994	ug/l	97
38) Carbon Tetrachloride	7.805	117	39927	18.500	ug/l	95
39) Methylcyclohexane	9.097	83	43692	18.282	ug/l	93
40) Benzene	8.067	78	107785	18.871	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	9021m	20.031	ug/l	
42) 1,2-Dichloroethane	8.146	62	27434	17.787	ug/l	99
43) Isopropyl Acetate	8.183	43	28984	17.369	ug/l #	83
44) Trichloroethene	8.853	130	29380	18.435	ug/l	98
45) 1,2-Dichloropropane	9.134	63	23899	18.780	ug/l	99
46) Dibromomethane	9.219	93	15013	18.189	ug/l	96
47) Bromodichloromethane	9.414	83	36792	18.169	ug/l	99
48) Methyl methacrylate	9.213	41	12724	17.110	ug/l #	88
49) 1,4-Dioxane	9.213	88	3258	325.850	ug/l #	90
51) 4-Methyl-2-Pentanone	9.994	43	76008	85.820	ug/l	94
52) Toluene	10.164	92	70341	18.761	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	30485	18.148	ug/l	98
54) cis-1,3-Dichloropropene	9.847	75	36089	17.864	ug/l #	90
55) 1,1,2-Trichloroethane	10.567	97	19494	18.346	ug/l	95
56) Ethyl methacrylate	10.432	69	24800	17.832	ug/l #	89
57) 1,3-Dichloropropane	10.713	76	30722	17.737	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	56043	84.941	ug/l	95
59) 2-Hexanone	10.756	43	50606	83.169	ug/l	92
60) Dibromochloromethane	10.908	129	25073	17.325	ug/l	99
61) 1,2-Dibromoethane	11.012	107	18365	17.882	ug/l	99
64) Tetrachloroethene	10.640	164	30131	19.752	ug/l	95
65) Chlorobenzene	11.438	112	76805	19.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	26983	19.093	ug/l	97
67) Ethyl Benzene	11.518	91	129119	18.512	ug/l	96
68) m/p-Xylenes	11.627	106	104079	37.606	ug/l	100
69) o-Xylene	11.951	106	50008	19.512	ug/l	94
70) Styrene	11.969	104	81783	18.712	ug/l	96
71) Bromoform	12.127	173	14350	17.763	ug/l #	96
73) Isopropylbenzene	12.255	105	125779	19.101	ug/l	99
74) N-amyl acetate	12.072	43	25734	17.922	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	21321	18.187	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	14426m	17.026	ug/l	
77) Bromobenzene	12.530	156	28889	18.268	ug/l	98
78) n-propylbenzene	12.591	91	152267	19.343	ug/l	98
79) 2-Chlorotoluene	12.676	91	84075	19.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	101977	19.010	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	6013	17.527	ug/l #	84
82) 4-Chlorotoluene	12.774	91	86373	18.811	ug/l	97
83) tert-Butylbenzene	12.993	119	95040	19.185	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	100707	18.836	ug/l	100
85) sec-Butylbenzene	13.176	105	138060	19.124	ug/l	99
86) p-Isopropyltoluene	13.292	119	114586	19.324	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	58230	18.671	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	58719	18.941	ug/l	98
89) n-Butylbenzene	13.615	91	104825	19.390	ug/l	98
90) Hexachloroethane	13.877	117	23827	20.386	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	51778	18.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3068	17.790	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	29408	19.011	ug/l	98
94) Hexachlorobutadiene	15.023	225	17683	21.947	ug/l	99
95) Naphthalene	15.145	128	50894	18.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	25288	19.383	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

