

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019082.D
 Acq On : 16 Aug 2024 10:02
 Operator : SY/MD
 Sample : VY0816SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/19/2024
 Supervised By :Mahesh Dadoda 08/19/2024

Quant Time: Aug 16 23:10:02 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	131711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	214571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	176063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	92651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	63348	47.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.622	113	66269	47.234	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.460%		
50) Toluene-d8	10.103	98	229063	45.369	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.740%		
62) 4-Bromofluorobenzene	12.402	95	78631	45.685	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	91.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	16234	16.799	ug/l	95
3) Chloromethane	2.068	50	30555	17.542	ug/l	99
4) Vinyl Chloride	2.196	62	39983	18.584	ug/l	99
5) Bromomethane	2.580	94	32418	21.282	ug/l	98
6) Chloroethane	2.726	64	26224	17.915	ug/l	100
7) Trichlorofluoromethane	3.043	101	59932	18.425	ug/l	99
8) Diethyl Ether	3.446	74	12549	17.873	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.799	101	27536	19.042	ug/l	99
10) Methyl Iodide	3.988	142	22370	15.782	ug/l	95
11) Tert butyl alcohol	4.824	59	16371	124.749	ug/l #	89
12) 1,1-Dichloroethene	3.781	96	24586	18.713	ug/l	94
13) Acrolein	3.641	56	11264	101.922	ug/l	97
14) Allyl chloride	4.379	41	33245	19.032	ug/l	94
15) Acrylonitrile	5.037	53	27633	96.186	ug/l	99
16) Acetone	3.860	43	24592	100.436	ug/l #	82
17) Carbon Disulfide	4.092	76	65658	17.718	ug/l	98
18) Methyl Acetate	4.366	43	14500	19.295	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	59946	18.820	ug/l	97
20) Methylene Chloride	4.604	84	35429	16.433	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	27143	18.492	ug/l	95
22) Diisopropyl ether	6.000	45	74492	18.629	ug/l #	87
23) Vinyl Acetate	5.945	43	297512	93.974	ug/l	96
24) 1,1-Dichloroethane	5.903	63	45464	18.591	ug/l	97
25) 2-Butanone	6.884	43	36058	91.441	ug/l	92
26) 2,2-Dichloropropane	6.866	77	36306	18.334	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	31197	18.060	ug/l	98
28) Bromochloromethane	7.232	49	20031	19.527	ug/l	95
29) Tetrahydrofuran	7.244	42	22094	87.161	ug/l	94
30) Chloroform	7.409	83	49895	18.310	ug/l	96
31) Cyclohexane	7.695	56	38071	17.365	ug/l	95
32) 1,1,1-Trichloroethane	7.604	97	44454	18.563	ug/l	96
36) 1,1-Dichloropropene	7.823	75	36100	18.738	ug/l	100
37) Ethyl Acetate	6.970	43	17142	20.083	ug/l	97
38) Carbon Tetrachloride	7.805	117	41912	18.772	ug/l	99
39) Methylcyclohexane	9.097	83	46388	18.763	ug/l	96
40) Benzene	8.073	78	109161	18.475	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	7712	16.554	ug/l	95
42) 1,2-Dichloroethane	8.146	62	30332	19.010	ug/l	96
43) Isopropyl Acetate	8.189	43	31450	18.219	ug/l #	82
44) Trichloroethene	8.853	130	30872	18.725	ug/l	96
45) 1,2-Dichloropropane	9.128	63	24381	18.520	ug/l	94
46) Dibromomethane	9.219	93	15814	18.521	ug/l	96
47) Bromodichloromethane	9.414	83	38334	18.299	ug/l	97
48) Methyl methacrylate	9.213	41	14567	18.935	ug/l	88
49) 1,4-Dioxane	9.213	88	3681	355.884	ug/l #	96
51) 4-Methyl-2-Pentanone	9.993	43	79206	86.449	ug/l	96
52) Toluene	10.164	92	67990	17.530	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	28535	16.421	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	35434	16.955	ug/l	92
55) 1,1,2-Trichloroethane	10.573	97	20234	18.408	ug/l	94
56) Ethyl methacrylate	10.432	69	25021	17.391	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	33011	18.423	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.701	63	60451	88.568	ug/l	98
59) 2-Hexanone	10.755	43	55517	88.198	ug/l	89
60) Dibromochloromethane	10.908	129	25381	16.953	ug/l	98
61) 1,2-Dibromoethane	11.012	107	18810	17.705	ug/l	98
64) Tetrachloroethene	10.646	164	27036	17.568	ug/l	94
65) Chlorobenzene	11.438	112	74384	18.348	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	25433	17.839	ug/l	98
67) Ethyl Benzene	11.518	91	124624	17.711	ug/l	92
68) m/p-Xylenes	11.627	106	100668	36.056	ug/l	99
69) o-Xylene	11.956	106	47623	18.419	ug/l	97
70) Styrene	11.969	104	78539	17.813	ug/l	98
71) Bromoform	12.133	173	14428	17.703	ug/l #	97
73) Isopropylbenzene	12.255	105	124546	17.539	ug/l	98
74) N-amyl acetate	12.072	43	26650	17.210	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	22876	18.095	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	16206m	17.737	ug/l	
77) Bromobenzene	12.530	156	28935	16.966	ug/l	97
78) n-propylbenzene	12.597	91	153421	18.073	ug/l	99
79) 2-Chlorotoluene	12.682	91	84128	17.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	101489	17.543	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6684	18.066	ug/l	92
82) 4-Chlorotoluene	12.780	91	86100	17.388	ug/l	97
83) tert-Butylbenzene	12.999	119	93877	17.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	101714	17.641	ug/l	97
85) sec-Butylbenzene	13.176	105	141759	18.209	ug/l	100
86) p-Isopropyltoluene	13.292	119	117473	18.370	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	61073	18.159	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	61866	18.505	ug/l	99
89) n-Butylbenzene	13.615	91	108706	18.645	ug/l	99
90) Hexachloroethane	13.877	117	22670	17.986	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	54679	18.485	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3329	17.900	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	31424	18.838	ug/l	99
94) Hexachlorobutadiene	15.023	225	18008	20.725	ug/l	98
95) Naphthalene	15.145	128	53096	17.834	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	26698	18.976	ug/l	98

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

