

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019281.D
 Acq On : 27 Aug 2024 13:08
 Operator : SY/MD
 Sample : VY0827SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0827SBSD01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 15:43:33 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	7.701	168	96253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	149891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	130466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	62579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	43375	44.955	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.900%		
35) Dibromofluoromethane	7.622	113	48715	49.705	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.420%		
50) Toluene-d8	10.103	98	177230	50.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.500%		
62) 4-Bromofluorobenzene	12.408	95	58981	49.055	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	98.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	14613	20.693	ug/l	99
3) Chloromethane	2.068	50	24390	19.161	ug/l	97
4) Vinyl Chloride	2.196	62	32117	20.427	ug/l	98
5) Bromomethane	2.580	94	26307	24.372	ug/l	96
6) Chloroethane	2.726	64	21427	20.136	ug/l	99
7) Trichlorofluoromethane	3.043	101	47333	19.912	ug/l	98
8) Diethyl Ether	3.446	74	9559	18.630	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.806	101	21556	20.398	ug/l	95
10) Methyl Iodide	3.995	142	20590	19.877	ug/l	95
11) Tert butyl alcohol	4.830	59	7551	60.409	ug/l #	88
12) 1,1-Dichloroethene	3.781	96	20028	20.860	ug/l	90
13) Acrolein	3.635	56	5486	60.791	ug/l	97
14) Allyl chloride	4.373	41	25417	19.911	ug/l	95
15) Acrylonitrile	5.049	53	19005	90.523	ug/l	99
16) Acetone	3.854	43	17263	96.476	ug/l	98
17) Carbon Disulfide	4.092	76	50985	18.827	ug/l #	95
18) Methyl Acetate	4.373	43	9606	17.492	ug/l	90
19) Methyl tert-butyl Ether	5.098	73	43143	18.534	ug/l	98
20) Methylene Chloride	4.604	84	27942	18.753	ug/l	94
21) trans-1,2-Dichloroethene	5.098	96	22439	20.919	ug/l	89
22) Diisopropyl ether	6.012	45	57521	19.684	ug/l	98
23) Vinyl Acetate	5.945	43	202640	87.586	ug/l	97
24) 1,1-Dichloroethane	5.903	63	37421	20.939	ug/l	98
25) 2-Butanone	6.878	43	24021	83.357	ug/l	95
26) 2,2-Dichloropropane	6.872	77	32146	22.213	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	25531	20.225	ug/l	97
28) Bromochloromethane	7.226	49	15011	20.024	ug/l	99
29) Tetrahydrofuran	7.256	42	14928	80.585	ug/l	90
30) Chloroform	7.409	83	40999	20.588	ug/l	98
31) Cyclohexane	7.689	56	30578	19.549	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	37358	21.347	ug/l	98
36) 1,1-Dichloropropene	7.823	75	28077	20.862	ug/l	97
37) Ethyl Acetate	6.970	43	10476	17.569	ug/l	97
38) Carbon Tetrachloride	7.805	117	33383	21.404	ug/l	98
39) Methylcyclohexane	9.103	83	35437	20.519	ug/l	92
40) Benzene	8.073	78	87567	21.215	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	7179m	22.059	ug/l	
42) 1,2-Dichloroethane	8.152	62	21781	19.541	ug/l	100
43) Isopropyl Acetate	8.189	43	21103	17.500	ug/l #	78
44) Trichloroethene	8.860	130	23894	20.747	ug/l	97
45) 1,2-Dichloropropane	9.134	63	19797	21.527	ug/l	99
46) Dibromomethane	9.225	93	11675	19.574	ug/l	99
47) Bromodichloromethane	9.420	83	30367	20.751	ug/l	97
48) Methyl methacrylate	9.213	41	9415	17.519	ug/l	90
49) 1,4-Dioxane	9.213	88	2472	342.126	ug/l #	94
51) 4-Methyl-2-Pentanone	9.993	43	53552	83.671	ug/l	94
52) Toluene	10.170	92	57643	21.275	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	24453	20.144	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	29875	20.464	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	15753	20.516	ug/l	98
56) Ethyl methacrylate	10.439	69	17655	17.566	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	24825	19.833	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	43040	90.269	ug/l	96
59) 2-Hexanone	10.756	43	36659	83.370	ug/l	93
60) Dibromochloromethane	10.908	129	20610	19.707	ug/l	99
61) 1,2-Dibromoethane	11.012	107	14448	19.468	ug/l	99
64) Tetrachloroethene	10.646	164	23793	20.864	ug/l	99
65) Chlorobenzene	11.444	112	64210	21.374	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	21703	20.543	ug/l	96
67) Ethyl Benzene	11.518	91	108209	20.753	ug/l	97
68) m/p-Xylenes	11.627	106	88460	42.756	ug/l	97
69) o-Xylene	11.957	106	40192	20.978	ug/l	100
70) Styrene	11.969	104	68188	20.870	ug/l	98
71) Bromoform	12.133	173	11178	18.509	ug/l #	97
73) Isopropylbenzene	12.255	105	108389	22.598	ug/l	99
74) N-amyl acetate	12.072	43	17390	16.627	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	16502	19.326	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	10014m	16.226	ug/l	
77) Bromobenzene	12.530	156	24769	21.503	ug/l	96
78) n-propylbenzene	12.597	91	128290	22.374	ug/l	97
79) 2-Chlorotoluene	12.682	91	71709	22.307	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	86865	22.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	4396	17.592	ug/l #	85
82) 4-Chlorotoluene	12.780	91	70999	21.229	ug/l	94
83) tert-Butylbenzene	12.999	119	79677	22.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	86310	22.163	ug/l	100
85) sec-Butylbenzene	13.176	105	119055	22.641	ug/l	99
86) p-Isopropyltoluene	13.292	119	97147	22.492	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	49510	21.795	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	48710	21.571	ug/l	97
89) n-Butylbenzene	13.621	91	89471	22.721	ug/l	99
90) Hexachloroethane	13.883	117	19757	23.207	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	43161	21.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2092	16.654	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	23365	20.737	ug/l	99
94) Hexachlorobutadiene	15.023	225	14615	24.903	ug/l	99
95) Naphthalene	15.145	128	34820	17.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	19233	20.239	ug/l	99

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

