

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019168.D
 Acq On : 21 Aug 2024 14:42
 Operator : SY/MD
 Sample : VY0821SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBS01

Quant Time: Aug 22 01:12:35 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 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	110442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	181289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	156220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	77925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56956	51.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.900%			
35) Dibromofluoromethane	7.622	113	61323	51.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.460%			
50) Toluene-d8	10.103	98	222706	52.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.420%			
62) 4-Bromofluorobenzene	12.408	95	76433	52.561	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	16017	19.767	ug/l	93
3) Chloromethane	2.068	50	26700	18.281	ug/l	91
4) Vinyl Chloride	2.202	62	34339	19.034	ug/l	98
5) Bromomethane	2.592	94	29537	23.705	ug/l	94
6) Chloroethane	2.726	64	23645	19.329	ug/l	100
7) Trichlorofluoromethane	3.049	101	50089	18.364	ug/l	93
8) Diethyl Ether	3.446	74	11471	19.484	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	23331	19.241	ug/l	98
10) Methyl Iodide	3.994	142	21621	18.191	ug/l	93
11) Tert butyl alcohol	4.830	59	9449	70.383	ug/l #	95
12) 1,1-Dichloroethene	3.787	96	22622	20.534	ug/l	97
13) Acrolein	3.641	56	8369	87.873	ug/l	95
14) Allyl chloride	4.372	41	27712	18.920	ug/l	90
15) Acrylonitrile	5.037	53	23665	98.237	ug/l	97
16) Acetone	3.848	43	18298	89.122	ug/l #	84
17) Carbon Disulfide	4.098	76	59733	19.224	ug/l	99
18) Methyl Acetate	4.379	43	11526	18.291	ug/l	100
19) Methyl tert-butyl Ether	5.098	73	52531	19.668	ug/l	92
20) Methylene Chloride	4.610	84	28265	15.011	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	23781	19.322	ug/l	93
22) Diisopropyl ether	6.006	45	66242	19.756	ug/l #	88
23) Vinyl Acetate	5.945	43	246370	92.806	ug/l	95
24) 1,1-Dichloroethane	5.903	63	40870	19.931	ug/l	97
25) 2-Butanone	6.884	43	28630	86.587	ug/l	100
26) 2,2-Dichloropropane	6.878	77	32663	19.670	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	28889	19.945	ug/l	98
28) Bromochloromethane	7.238	49	16587	19.283	ug/l	100
29) Tetrahydrofuran	7.250	42	18216	85.701	ug/l	96
30) Chloroform	7.408	83	46594	20.392	ug/l	97
31) Cyclohexane	7.695	56	31454	17.041	ug/l	90
32) 1,1,1-Trichloroethane	7.610	97	40799	20.318	ug/l	97
36) 1,1-Dichloropropene	7.829	75	31670	19.457	ug/l	99
37) Ethyl Acetate	6.976	43	13670	18.955	ug/l	98
38) Carbon Tetrachloride	7.811	117	36494	19.346	ug/l	95
39) Methylcyclohexane	9.103	83	38233	18.303	ug/l	94
40) Benzene	8.073	78	100780	20.188	ug/l	93

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41) Methacrylonitrile	7.226	41	8187m	20.799	ug/l	
42) 1,2-Dichloroethane	8.152	62	26123	19.378	ug/l	97
43) Isopropyl Acetate	8.189	43	25231	17.300	ug/l #	82
44) Trichloroethene	8.853	130	27285	19.588	ug/l	92
45) 1,2-Dichloropropane	9.134	63	23318	20.964	ug/l	94
46) Dibromomethane	9.225	93	14221	19.713	ug/l	98
47) Bromodichloromethane	9.420	83	35212	19.895	ug/l	93
48) Methyl methacrylate	9.219	41	11791	18.140	ug/l	88
49) 1,4-Dioxane	9.219	88	2809	321.435	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	67279	86.913	ug/l	94
52) Toluene	10.170	92	65542	20.001	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	27678	18.852	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	34139	19.335	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	18261	19.663	ug/l	94
56) Ethyl methacrylate	10.438	69	22076	18.161	ug/l #	89
57) 1,3-Dichloropropane	10.713	76	30251	19.982	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	51636	89.542	ug/l	94
59) 2-Hexanone	10.762	43	44555	83.778	ug/l	92
60) Dibromochloromethane	10.908	129	24747	19.564	ug/l	98
61) 1,2-Dibromoethane	11.011	107	17764	19.790	ug/l	99
64) Tetrachloroethene	10.646	164	27186	19.909	ug/l	96
65) Chlorobenzene	11.444	112	72089	20.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	24810	19.613	ug/l	98
67) Ethyl Benzene	11.517	91	122176	19.569	ug/l	99
68) m/p-Xylenes	11.627	106	97164	39.221	ug/l	99
69) o-Xylene	11.956	106	47034	20.502	ug/l	94
70) Styrene	11.969	104	78611	20.094	ug/l	97
71) Bromoform	12.133	173	13498	18.666	ug/l #	100
73) Isopropylbenzene	12.255	105	118475	19.837	ug/l	99
74) N-amyl acetate	12.072	43	22764	17.479	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	19168	18.027	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	14854m	19.329	ug/l	
77) Bromobenzene	12.536	156	28945	20.180	ug/l	95
78) n-propylbenzene	12.597	91	141333	19.795	ug/l	98
79) 2-Chlorotoluene	12.682	91	80113	20.014	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	97743	20.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	4982	16.011	ug/l #	76
82) 4-Chlorotoluene	12.779	91	81735	19.626	ug/l	98
83) tert-Butylbenzene	12.999	119	86357	19.219	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	97467	20.099	ug/l	99
85) sec-Butylbenzene	13.176	105	129285	19.745	ug/l	98
86) p-Isopropyltoluene	13.292	119	106711	19.841	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	55887	19.757	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	55259	19.652	ug/l	97
89) n-Butylbenzene	13.621	91	97150	19.812	ug/l	99
90) Hexachloroethane	13.883	117	21254	20.049	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	49979	20.089	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3042	19.447	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	28084	20.017	ug/l	94
94) Hexachlorobutadiene	15.029	225	15913	21.775	ug/l	99
95) Naphthalene	15.145	128	43139	17.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	22402	18.931	ug/l	98

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

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