

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019302.D
 Acq On : 27 Aug 2024 23:44
 Operator : SY/MD
 Sample : VY0827SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0827SBS02

Quant Time: Aug 28 03:32:58 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 :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	83669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	138403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	134134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	66026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40377	48.141	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.280%		
35) Dibromofluoromethane	7.628	113	42709	47.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.380%		
50) Toluene-d8	10.103	98	158403	48.640	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.280%		
62) 4-Bromofluorobenzene	12.408	95	54247	48.863	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	97.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	12444	20.272	ug/l	98
3) Chloromethane	2.068	50	19351	17.489	ug/l	96
4) Vinyl Chloride	2.196	62	23720	17.355	ug/l	99
5) Bromomethane	2.580	94	20711	21.442	ug/l	98
6) Chloroethane	2.726	64	15207	16.289	ug/l	92
7) Trichlorofluoromethane	3.043	101	32525	15.740	ug/l	90
8) Diethyl Ether	3.452	74	8588	19.255	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.805	101	18045	19.643	ug/l	98
10) Methyl Iodide	3.988	142	14295	15.876	ug/l	96
11) Tert butyl alcohol	4.830	59	10558	127.405	ug/l #	94
12) 1,1-Dichloroethene	3.775	96	16581	19.867	ug/l	96
13) Acrolein	3.641	56	5263	69.308	ug/l	97
14) Allyl chloride	4.366	41	21147	19.058	ug/l	92
15) Acrylonitrile	5.043	53	19160	104.987	ug/l	98
16) Acetone	3.860	43	16004	102.892	ug/l	93
17) Carbon Disulfide	4.092	76	43472	18.467	ug/l	99
18) Methyl Acetate	4.372	43	10837	22.701	ug/l	100
19) Methyl tert-butyl Ether	5.098	73	41462	20.491	ug/l #	89
20) Methylene Chloride	4.604	84	28116	23.734	ug/l	94
21) trans-1,2-Dichloroethene	5.098	96	18717	20.073	ug/l	91
22) Diisopropyl ether	6.006	45	50124	19.732	ug/l #	89
23) Vinyl Acetate	5.945	43	188929	93.942	ug/l	98
24) 1,1-Dichloroethane	5.903	63	32066	20.641	ug/l	99
25) 2-Butanone	6.884	43	24557	98.033	ug/l	99
26) 2,2-Dichloropropane	6.872	77	22265	17.699	ug/l	95
27) cis-1,2-Dichloroethene	6.878	96	22285	20.309	ug/l	98
28) Bromochloromethane	7.232	49	13583	20.844	ug/l	94
29) Tetrahydrofuran	7.250	42	16075	99.829	ug/l	96
30) Chloroform	7.415	83	36241	20.936	ug/l	100
31) Cyclohexane	7.689	56	25481	18.547	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	31638	20.797	ug/l	97
36) 1,1-Dichloropropene	7.829	75	23541	18.944	ug/l	99
37) Ethyl Acetate	6.970	43	11692	21.236	ug/l	97
38) Carbon Tetrachloride	7.811	117	28523	19.806	ug/l	99
39) Methylcyclohexane	9.103	83	29666	18.603	ug/l	93
40) Benzene	8.073	78	77130	20.238	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	6465m	21.514	ug/l	
42) 1,2-Dichloroethane	8.146	62	20000	19.433	ug/l	99
43) Isopropyl Acetate	8.189	43	22066	19.818	ug/l #	83
44) Trichloroethene	8.859	130	20999	19.746	ug/l	94
45) 1,2-Dichloropropane	9.134	63	17614	20.743	ug/l	96
46) Dibromomethane	9.225	93	11493	20.868	ug/l	98
47) Bromodichloromethane	9.420	83	28384	21.006	ug/l	99
48) Methyl methacrylate	9.213	41	9722	19.592	ug/l #	89
49) 1,4-Dioxane	9.219	88	3035	454.911	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	60563	102.479	ug/l	94
52) Toluene	10.170	92	50613	20.231	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	22405	19.989	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	26867	19.931	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	15120	21.326	ug/l	96
56) Ethyl methacrylate	10.438	69	18804	20.262	ug/l #	83
57) 1,3-Dichloropropane	10.713	76	24716	21.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	47000	106.757	ug/l	94
59) 2-Hexanone	10.762	43	40778	100.435	ug/l	95
60) Dibromochloromethane	10.908	129	21776	22.550	ug/l	97
61) 1,2-Dibromoethane	11.011	107	15960	23.290	ug/l	97
64) Tetrachloroethene	10.646	164	23796	20.296	ug/l	94
65) Chlorobenzene	11.438	112	63768	20.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	22476	20.693	ug/l	98
67) Ethyl Benzene	11.517	91	107978	20.142	ug/l	97
68) m/p-Xylenes	11.627	106	84737	39.837	ug/l	99
69) o-Xylene	11.956	106	40440	20.530	ug/l	98
70) Styrene	11.969	104	65642	19.542	ug/l	99
71) Bromoform	12.133	173	13119	21.129	ug/l #	100
73) Isopropylbenzene	12.255	105	94562	18.686	ug/l	98
74) N-amyl acetate	12.072	43	22403	20.302	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	18448	20.477	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	13562m	20.828	ug/l	
77) Bromobenzene	12.529	156	25678	21.128	ug/l	96
78) n-propylbenzene	12.597	91	124870	20.641	ug/l	98
79) 2-Chlorotoluene	12.682	91	69693	20.548	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	82978	20.127	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	4384	16.628	ug/l #	80
82) 4-Chlorotoluene	12.779	91	70535	19.989	ug/l	97
83) tert-Butylbenzene	12.999	119	77073	20.244	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	81661	19.875	ug/l	99
85) sec-Butylbenzene	13.176	105	103974	18.741	ug/l	100
86) p-Isopropyltoluene	13.292	119	88791	19.484	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	46675	19.474	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	49495	20.774	ug/l	96
89) n-Butylbenzene	13.621	91	83118	20.005	ug/l	98
90) Hexachloroethane	13.877	117	17508	19.492	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	40878	19.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2797	21.104	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	21363	17.970	ug/l	98
94) Hexachlorobutadiene	15.023	225	12496	20.181	ug/l	93
95) Naphthalene	15.145	128	39388	18.565	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	20332	20.278	ug/l	99

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

