

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015286.D
 Acq On : 23 Aug 2023 17:21
 Operator : SY/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

Quant Time: Aug 24 02:33:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/24/2023
 Supervised By :Semsettin Yesilyurt 08/24/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	260777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	237168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97896	50.965	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.920%			
35) Dibromofluoromethane	7.710	113	86400	51.500	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.000%			
50) Toluene-d8	10.179	98	323810	51.849	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.477	95	112255	49.212	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16284	20.829	ug/l	98
3) Chloromethane	2.107	50	18945	17.330	ug/l	98
4) Vinyl Chloride	2.241	62	24694	19.394	ug/l	97
5) Bromomethane	2.625	94	20847	21.273	ug/l	94
6) Chloroethane	2.778	64	19069	20.627	ug/l	97
7) Trichlorofluoromethane	3.113	101	45727	21.313	ug/l	99
8) Diethyl Ether	3.521	74	16809	19.976	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	29021	21.764	ug/l	94
10) Methyl Iodide	4.082	142	20891	15.955	ug/l	97
11) Tert butyl alcohol	4.942	59	47281	142.543	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	22824	20.498	ug/l	92
13) Acrolein	3.716	56	15345	90.554	ug/l	99
14) Allyl chloride	4.460	41	38606	19.556	ug/l	98
15) Acrylonitrile	5.149	53	59094	103.631	ug/l	99
16) Acetone	3.936	43	69009	109.972	ug/l	94
17) Carbon Disulfide	4.180	76	32164	16.414	ug/l	99
18) Methyl Acetate	4.466	43	45866	19.945	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	94129	19.882	ug/l	95
20) Methylene Chloride	4.704	84	50984	32.362	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	24302	19.349	ug/l	94
22) Diisopropyl ether	6.112	45	102709	20.850	ug/l	92
23) Vinyl Acetate	6.051	43	288095	98.015	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	56875	21.326	ug/l	96
25) 2-Butanone	6.978	43	95264	107.220	ug/l	97
26) 2,2-Dichloropropane	6.972	77	51895	20.185	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	34876	20.328	ug/l	97
28) Bromochloromethane	7.326	49	26675	21.771	ug/l	97
29) Tetrahydrofuran	7.338	42	52455	98.735	ug/l	94
30) Chloroform	7.502	83	62545	20.921	ug/l	99
31) Cyclohexane	7.783	56	37955	20.621	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	53695	21.106	ug/l	100
36) 1,1-Dichloropropene	7.911	75	39331	21.191	ug/l	98
37) Ethyl Acetate	7.063	43	33343	19.273	ug/l #	95
38) Carbon Tetrachloride	7.899	117	44870	20.427	ug/l	99
39) Methylcyclohexane	9.179	83	40986	19.698	ug/l	93
40) Benzene	8.155	78	118068	21.041	ug/l	99

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41) Methacrylonitrile	7.301	41	17904	20.069	ug/l	92
42) 1,2-Dichloroethane	8.234	62	41958	20.588	ug/l	96
43) Isopropyl Acetate	8.271	43	62442	19.820	ug/l	98
44) Trichloroethene	8.935	130	33743	20.872	ug/l	96
45) 1,2-Dichloropropane	9.209	63	33618	21.246	ug/l	97
46) Dibromomethane	9.301	93	20701	20.743	ug/l	95
47) Bromodichloromethane	9.490	83	48879	20.525	ug/l	95
48) Methyl methacrylate	9.289	41	27131	20.131	ug/l	94
49) 1,4-Dioxane	9.295	88	7431	372.361	ug/l #	45
51) 4-Methyl-2-Pentanone	10.063	43	187244	102.548	ug/l	95
52) Toluene	10.240	92	77091	20.843	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	48458	19.362	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	53223	20.192	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	32220	21.233	ug/l	97
56) Ethyl methacrylate	10.508	69	44332	19.962	ug/l	90
57) 1,3-Dichloropropane	10.788	76	51590	20.809	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	105778	102.349	ug/l	95
59) 2-Hexanone	10.831	43	140656	104.084	ug/l	94
60) Dibromochloromethane	10.983	129	36790	20.325	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29450	20.429	ug/l	97
64) Tetrachloroethene	10.715	164	34951	21.152	ug/l	96
65) Chlorobenzene	11.514	112	90974	21.053	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	36208	20.651	ug/l	99
67) Ethyl Benzene	11.593	91	156192	20.630	ug/l	98
68) m/p-Xylenes	11.703	106	117831	40.977	ug/l	97
69) o-Xylene	12.026	106	58380	20.380	ug/l	99
70) Styrene	12.044	104	100870	20.345	ug/l	98
71) Bromoform	12.203	173	24736	19.461	ug/l #	98
73) Isopropylbenzene	12.325	105	162294	21.390	ug/l	99
74) N-amyl acetate	12.142	43	54601	19.932	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	41035	20.766	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	30880m	21.541	ug/l	
77) Bromobenzene	12.605	156	39121	21.153	ug/l	97
78) n-propylbenzene	12.666	91	193493	21.475	ug/l	100
79) 2-Chlorotoluene	12.751	91	110100	21.183	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	133913	21.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12214	18.714	ug/l	98
82) 4-Chlorotoluene	12.855	91	113575	21.151	ug/l	100
83) tert-Butylbenzene	13.075	119	121876	21.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	131679	20.835	ug/l	98
85) sec-Butylbenzene	13.251	105	181155	21.372	ug/l	100
86) p-Isopropyltoluene	13.367	119	148324	21.106	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	77565	21.145	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	77613	21.095	ug/l	98
89) n-Butylbenzene	13.696	91	144466	21.803	ug/l	98
90) Hexachloroethane	13.959	117	27915	20.023	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	72635	21.196	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7696	20.104	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	46471	21.123	ug/l	97
94) Hexachlorobutadiene	15.111	225	26153	21.854	ug/l	98
95) Naphthalene	15.233	128	108516	19.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	42373	21.326	ug/l	99

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

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