

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015334.D
 Acq On : 25 Aug 2023 11:55
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Quant Time: Aug 25 13:45:13 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 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	167986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108266	53.690	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.380%			
35) Dibromofluoromethane	7.716	113	95175	52.518	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.040%			
50) Toluene-d8	10.179	98	341734	50.656	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.320%			
62) 4-Bromofluorobenzene	12.483	95	125224	50.821	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14425	16.703	ug/l	97
3) Chloromethane	2.113	50	17022	14.236	ug/l	96
4) Vinyl Chloride	2.247	62	22204	16.611	ug/l	98
5) Bromomethane	2.625	94	20370	19.651	ug/l	99
6) Chloroethane	2.784	64	18271	18.826	ug/l	99
7) Trichlorofluoromethane	3.119	101	41397	18.379	ug/l	97
8) Diethyl Ether	3.528	74	17076	19.331	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	25591	18.281	ug/l	95
10) Methyl Iodide	4.082	142	21740	15.816	ug/l	97
11) Tert butyl alcohol	4.948	59	48931	140.274	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	20983	17.951	ug/l	89
13) Acrolein	3.729	56	14980	78.605	ug/l	99
14) Allyl chloride	4.473	41	36362	17.545	ug/l	95
15) Acrylonitrile	5.161	53	58007	96.899	ug/l	98
16) Acetone	3.948	43	72878	110.629	ug/l	94
17) Carbon Disulfide	4.192	76	26961	13.106	ug/l	97
18) Methyl Acetate	4.473	43	45990	19.051	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	96591	19.434	ug/l	98
20) Methylene Chloride	4.716	84	44143	25.862	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	23632	17.923	ug/l	90
22) Diisopropyl ether	6.119	45	100233	19.383	ug/l	94
23) Vinyl Acetate	6.064	43	281768	91.315	ug/l	95
24) 1,1-Dichloroethane	6.015	63	54175	19.350	ug/l	95
25) 2-Butanone	6.990	43	95343	102.218	ug/l	99
26) 2,2-Dichloropropane	6.978	77	49785	18.446	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	34716	19.275	ug/l	96
28) Bromochloromethane	7.338	49	24690	19.195	ug/l	92
29) Tetrahydrofuran	7.350	42	51565	92.456	ug/l	91
30) Chloroform	7.509	83	62667	19.967	ug/l	98
31) Cyclohexane	7.783	56	32913	16.566	ug/l #	86
32) 1,1,1-Trichloroethane	7.704	97	51251	19.190	ug/l	99
36) 1,1-Dichloropropene	7.917	75	35902	17.907	ug/l	99
37) Ethyl Acetate	7.076	43	34516	18.469	ug/l	95
38) Carbon Tetrachloride	7.899	117	41922	17.668	ug/l	98
39) Methylcyclohexane	9.185	83	35942	15.991	ug/l	93
40) Benzene	8.161	78	112475	18.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19575m	20.313	ug/l	
42) 1,2-Dichloroethane	8.240	62	43531	19.774	ug/l	95
43) Isopropyl Acetate	8.277	43	62337	18.317	ug/l	97
44) Trichloroethene	8.941	130	32788	18.775	ug/l	97
45) 1,2-Dichloropropane	9.216	63	32859	19.224	ug/l	99
46) Dibromomethane	9.307	93	20814	19.307	ug/l	95
47) Bromodichloromethane	9.496	83	50893	19.783	ug/l	100
48) Methyl methacrylate	9.295	41	28104	19.304	ug/l	95
49) 1,4-Dioxane	9.301	88	8455	392.212	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	189734	96.196	ug/l	94
52) Toluene	10.246	92	74909	18.749	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	50272	18.595	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	52805	18.546	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	31882	19.450	ug/l	98
56) Ethyl methacrylate	10.514	69	44499	18.549	ug/l	92
57) 1,3-Dichloropropane	10.788	76	51566	19.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	108321	97.026	ug/l	93
59) 2-Hexanone	10.831	43	143864	98.553	ug/l	94
60) Dibromochloromethane	10.984	129	38125	19.498	ug/l	98
61) 1,2-Dibromoethane	11.087	107	29480	18.932	ug/l	98
64) Tetrachloroethene	10.721	164	34433	19.200	ug/l	95
65) Chlorobenzene	11.520	112	90570	19.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	36847	19.362	ug/l	99
67) Ethyl Benzene	11.593	91	152483	18.556	ug/l	98
68) m/p-Xylenes	11.703	106	115017	36.852	ug/l	96
69) o-Xylene	12.032	106	59414	19.109	ug/l	97
70) Styrene	12.044	104	101478	18.858	ug/l	98
71) Bromoform	12.209	173	25833	18.726	ug/l #	98
73) Isopropylbenzene	12.331	105	159229	18.485	ug/l	99
74) N-amyl acetate	12.142	43	53750	17.282	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	42500	18.944	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34357m	21.110	ug/l	
77) Bromobenzene	12.611	156	39266	18.701	ug/l	97
78) n-propylbenzene	12.672	91	188380	18.416	ug/l	99
79) 2-Chlorotoluene	12.758	91	110045	18.649	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	134654	18.753	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	12545	16.931	ug/l	97
82) 4-Chlorotoluene	12.855	91	113767	18.661	ug/l	99
83) tert-Butylbenzene	13.075	119	121590	18.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	133869	18.657	ug/l	99
85) sec-Butylbenzene	13.251	105	177584	18.454	ug/l	99
86) p-Isopropyltoluene	13.367	119	150495	18.863	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	79001	18.969	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	80397	19.247	ug/l	98
89) n-Butylbenzene	13.696	91	141164	18.765	ug/l	97
90) Hexachloroethane	13.959	117	27877	17.613	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	75074	19.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7809	17.968	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	48018	19.225	ug/l	98
94) Hexachlorobutadiene	15.111	225	26883	19.787	ug/l	96
95) Naphthalene	15.239	128	122238	19.646	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43609	19.333	ug/l	99

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

