

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015309.D
 Acq On : 24 Aug 2023 13:59
 Operator : SY/MD
 Sample : VY0824SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0824SBS01

Quant Time: Aug 25 03:18:03 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 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	155355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102696	55.068	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.140%			
35) Dibromofluoromethane	7.716	113	89134	52.642	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.280%			
50) Toluene-d8	10.179	98	326176	51.748	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.483	95	117834	51.183	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14721	19.010	ug/l	99
3) Chloromethane	2.113	50	18707	17.696	ug/l	98
4) Vinyl Chloride	2.247	62	22448	18.159	ug/l	95
5) Bromomethane	2.619	94	20256	21.292	ug/l	96
6) Chloroethane	2.778	64	18407	20.509	ug/l	100
7) Trichlorofluoromethane	3.113	101	43372	20.822	ug/l	99
8) Diethyl Ether	3.527	74	18158	22.227	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	26619	20.562	ug/l	96
10) Methyl Iodide	4.082	142	21730	17.094	ug/l	100
11) Tert butyl alcohol	4.948	59	51848	163.246	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	20935	19.366	ug/l	93
13) Acrolein	3.722	56	17766	122.653	ug/l	99
14) Allyl chloride	4.472	41	39655	20.690	ug/l	98
15) Acrylonitrile	5.155	53	68305	123.378	ug/l	98
16) Acetone	3.942	43	75902	124.587	ug/l	93
17) Carbon Disulfide	4.186	76	30641	16.106	ug/l	99
18) Methyl Acetate	4.472	43	54710	24.505	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	101855	22.159	ug/l	100
20) Methylene Chloride	4.704	84	42590	27.186	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	24750	20.297	ug/l	90
22) Diisopropyl ether	6.118	45	107654	22.510	ug/l	91
23) Vinyl Acetate	6.051	43	306192	107.298	ug/l	96
24) 1,1-Dichloroethane	6.009	63	56746	21.917	ug/l	96
25) 2-Butanone	6.984	43	107570	124.703	ug/l	96
26) 2,2-Dichloropropane	6.972	77	48729	19.523	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	36382	21.842	ug/l	95
28) Bromochloromethane	7.332	49	28331	23.817	ug/l	98
29) Tetrahydrofuran	7.344	42	62937	122.021	ug/l	94
30) Chloroform	7.502	83	64757	22.311	ug/l	99
31) Cyclohexane	7.783	56	35014	19.460	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	51316	20.777	ug/l	99
36) 1,1-Dichloropropene	7.917	75	37211	19.864	ug/l	100
37) Ethyl Acetate	7.069	43	39702	22.738	ug/l	98
38) Carbon Tetrachloride	7.899	117	42333	19.095	ug/l	98
39) Methylcyclohexane	9.179	83	38447	18.308	ug/l	96
40) Benzene	8.155	78	118168	20.865	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18130m	20.136	ug/l	
42) 1,2-Dichloroethane	8.234	62	45339	22.043	ug/l	96
43) Isopropyl Acetate	8.270	43	69954	22.000	ug/l	99
44) Trichloroethene	8.941	130	33472	20.514	ug/l	95
45) 1,2-Dichloropropane	9.215	63	34978	21.902	ug/l	100
46) Dibromomethane	9.307	93	21980	21.822	ug/l	96
47) Bromodichloromethane	9.496	83	52698	21.925	ug/l	99
48) Methyl methacrylate	9.295	41	30790	22.636	ug/l	94
49) 1,4-Dioxane	9.301	88	9078	450.711	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	218170	118.388	ug/l	94
52) Toluene	10.246	92	78323	20.982	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	51529	20.400	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	56014	21.056	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	34247	22.361	ug/l	97
56) Ethyl methacrylate	10.508	69	47083	21.006	ug/l	92
57) 1,3-Dichloropropane	10.788	76	55516	22.187	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	118101	113.222	ug/l	95
59) 2-Hexanone	10.831	43	162676	119.273	ug/l	93
60) Dibromochloromethane	10.983	129	39136	21.422	ug/l	98
61) 1,2-Dibromoethane	11.087	107	31851	21.892	ug/l	98
64) Tetrachloroethene	10.721	164	35930	21.148	ug/l	92
65) Chlorobenzene	11.514	112	92092	20.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	37825	20.981	ug/l	99
67) Ethyl Benzene	11.593	91	155940	20.031	ug/l	98
68) m/p-Xylenes	11.703	106	118837	40.193	ug/l	95
69) o-Xylene	12.026	106	60488	20.536	ug/l	96
70) Styrene	12.044	104	104023	20.406	ug/l	97
71) Bromoform	12.209	173	26727	20.451	ug/l #	98
73) Isopropylbenzene	12.331	105	159276	20.517	ug/l	100
74) N-amyl acetate	12.142	43	59937	21.384	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	45916	22.710	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	34772m	23.707	ug/l	
77) Bromobenzene	12.611	156	40016	21.147	ug/l	96
78) n-propylbenzene	12.672	91	190522	20.667	ug/l	100
79) 2-Chlorotoluene	12.757	91	110970	20.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	133641	20.652	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	12754	19.100	ug/l	95
82) 4-Chlorotoluene	12.855	91	113812	20.715	ug/l	98
83) tert-Butylbenzene	13.074	119	118777	20.067	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	134862	20.856	ug/l	100
85) sec-Butylbenzene	13.251	105	180187	20.777	ug/l	99
86) p-Isopropyltoluene	13.367	119	148379	20.636	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	79071	21.067	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	79950	21.238	ug/l	97
89) n-Butylbenzene	13.696	91	139156	20.526	ug/l	97
90) Hexachloroethane	13.958	117	27928	19.579	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	76769	21.895	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8775	22.404	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	47376	21.047	ug/l	99
94) Hexachlorobutadiene	15.111	225	24702	20.175	ug/l	99
95) Naphthalene	15.239	128	117163	20.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44131	21.709	ug/l	98

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

