

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017105.D
 Acq On : 25 Jan 2024 15:13
 Operator : SY/MD
 Sample : VY0125SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0125SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 26 04:43:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	121639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	178860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67899	57.292	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.580%			
35) Dibromofluoromethane	7.722	113	68668	54.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.240%			
50) Toluene-d8	10.185	98	260764	54.917	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.840%			
62) 4-Bromofluorobenzene	12.489	95	80995	55.371	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25147	25.854	ug/l	95
3) Chloromethane	2.113	50	40673	23.905	ug/l	97
4) Vinyl Chloride	2.253	62	48554	25.370	ug/l	97
5) Bromomethane	2.650	94	35439	25.222	ug/l	99
6) Chloroethane	2.796	64	30890	24.919	ug/l	98
7) Trichlorofluoromethane	3.125	101	49293	22.692	ug/l	97
8) Diethyl Ether	3.534	74	15533	22.163	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	29760	21.873	ug/l	99
10) Methyl Iodide	4.094	142	27387	21.188	ug/l	97
11) Tert butyl alcohol	4.954	59	11679	128.945	ug/l	100
12) 1,1-Dichloroethene	3.875	96	27100	21.759	ug/l	95
13) Acrolein	3.735	56	16024	112.739	ug/l	98
14) Allyl chloride	4.485	41	41408	21.997	ug/l	98
15) Acrylonitrile	5.167	53	35256	115.910	ug/l	97
16) Acetone	3.948	43	49184	138.178	ug/l	94
17) Carbon Disulfide	4.198	76	76988	20.510	ug/l	99
18) Methyl Acetate	4.478	43	26835	22.072	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	67257	22.130	ug/l	100
20) Methylene Chloride	4.722	84	33183	21.748	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	30693	21.306	ug/l	96
22) Diisopropyl ether	6.125	45	93333	22.461	ug/l	97
23) Vinyl Acetate	6.064	43	229463	113.841	ug/l	99
24) 1,1-Dichloroethane	6.021	63	54967	21.688	ug/l	98
25) 2-Butanone	6.990	43	58983	124.961	ug/l	97
26) 2,2-Dichloropropane	6.990	77	45755	21.137	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	34476	21.596	ug/l	99
28) Bromochloromethane	7.338	49	22506	22.305	ug/l	99
29) Tetrahydrofuran	7.356	42	28236	117.495	ug/l	99
30) Chloroform	7.508	83	55395	21.464	ug/l	100
31) Cyclohexane	7.789	56	49189	21.608	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	48185	21.774	ug/l	100
36) 1,1-Dichloropropene	7.923	75	43204	20.887	ug/l	99
37) Ethyl Acetate	7.082	43	20661	23.230	ug/l	98
38) Carbon Tetrachloride	7.911	117	42471	20.953	ug/l	98
39) Methylcyclohexane	9.191	83	51850	20.841	ug/l	98
40) Benzene	8.167	78	127200	21.175	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9970	20.960	ug/l	94
42) 1,2-Dichloroethane	8.240	62	33991	21.826	ug/l	99
43) Isopropyl Acetate	8.277	43	37286	22.456	ug/l	98
44) Trichloroethene	8.947	130	32310	20.971	ug/l	98
45) 1,2-Dichloropropane	9.222	63	31956	21.674	ug/l	98
46) Dibromomethane	9.313	93	16819	21.480	ug/l	98
47) Bromodichloromethane	9.502	83	42591	21.380	ug/l	98
48) Methyl methacrylate	9.301	41	20701	22.455	ug/l	96
49) 1,4-Dioxane	9.307	88	3661	475.385	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	100571	113.867	ug/l	100
52) Toluene	10.252	92	77773	21.391	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	39279	21.584	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	47025	21.010	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	23037	21.050	ug/l	97
56) Ethyl methacrylate	10.514	69	20734	21.665	ug/l	98
57) 1,3-Dichloropropane	10.794	76	39443	21.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	72951	109.815	ug/l	98
59) 2-Hexanone	10.837	43	81117	120.382	ug/l	99
60) Dibromochloromethane	10.989	129	26790	21.070	ug/l	98
61) 1,2-Dibromoethane	11.093	107	21405	21.531	ug/l	99
64) Tetrachloroethene	10.727	164	25353	20.336	ug/l	98
65) Chlorobenzene	11.520	112	79372	20.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	29319	21.177	ug/l	100
67) Ethyl Benzene	11.599	91	143147	20.775	ug/l	98
68) m/p-Xylenes	11.709	106	108052	41.738	ug/l	99
69) o-Xylene	12.038	106	49011	20.841	ug/l	98
70) Styrene	12.050	104	73290	21.468	ug/l	99
71) Bromoform	12.215	173	14844	21.382	ug/l #	98
73) Isopropylbenzene	12.337	105	135345	20.779	ug/l	100
74) N-amyl acetate	12.148	43	29477	22.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	26757	21.543	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	19029m	19.786	ug/l	
77) Bromobenzene	12.617	156	29024	20.593	ug/l	100
78) n-propylbenzene	12.678	91	166594	21.265	ug/l	99
79) 2-Chlorotoluene	12.764	91	92527	21.523	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	108559	21.059	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	7301	19.654	ug/l	95
82) 4-Chlorotoluene	12.861	91	93666	21.022	ug/l	99
83) tert-Butylbenzene	13.081	119	93724	21.019	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	107411	20.964	ug/l	98
85) sec-Butylbenzene	13.257	105	139566	21.139	ug/l	100
86) p-Isopropyltoluene	13.373	119	116183	21.125	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	57676	20.727	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	56407	20.603	ug/l	98
89) n-Butylbenzene	13.702	91	112787	21.262	ug/l	100
90) Hexachloroethane	13.965	117	24424	21.307	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	50020	21.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3490	22.001	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	25202	20.295	ug/l	99
94) Hexachlorobutadiene	15.117	225	15286	20.453	ug/l	99
95) Naphthalene	15.239	128	44971	20.504	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	21217	20.537	ug/l	96

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

