

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017358.D
 Acq On : 12 Feb 2024 17:06
 Operator : SY/MD
 Sample : VY0212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/13/2024
 Supervised By :Mahesh Dadoda 02/13/2024

Quant Time: Feb 14 08:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 13 18:32:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	106327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	151488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44227	46.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.120%		
35) Dibromofluoromethane	7.722	113	46596	48.917	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.840%		
50) Toluene-d8	10.185	98	169469	48.864	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.489	95	54627	48.082	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	15163	18.812	ug/l	98
3) Chloromethane	2.107	50	28873	19.940	ug/l	96
4) Vinyl Chloride	2.247	62	34678	19.652	ug/l	98
5) Bromomethane	2.650	94	22715	18.571	ug/l	100
6) Chloroethane	2.796	64	21512	18.881	ug/l	96
7) Trichlorofluoromethane	3.119	101	39518	21.779	ug/l	92
8) Diethyl Ether	3.534	74	11907	20.862	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	23009	20.919	ug/l	98
10) Methyl Iodide	4.094	142	17668	15.279	ug/l	99
11) Tert butyl alcohol	5.003	59	7624m	81.396	ug/l	
12) 1,1-Dichloroethene	3.869	96	19427	18.849	ug/l	94
13) Acrolein	3.735	56	7249	83.666	ug/l	97
14) Allyl chloride	4.485	41	29871	19.171	ug/l	99
15) Acrylonitrile	5.180	53	25348	98.640	ug/l	99
16) Acetone	3.973	43	30586	109.558	ug/l	100
17) Carbon Disulfide	4.198	76	44104	13.406	ug/l	99
18) Methyl Acetate	4.485	43	10393	16.688	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	50464	20.330	ug/l	99
20) Methylene Chloride	4.716	84	31791	24.211	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	21841	18.628	ug/l	97
22) Diisopropyl ether	6.131	45	72193	21.099	ug/l	97
23) Vinyl Acetate	6.070	43	208938	100.778	ug/l	99
24) 1,1-Dichloroethane	6.021	63	43015	20.522	ug/l	98
25) 2-Butanone	7.002	43	38393	103.448	ug/l	96
26) 2,2-Dichloropropane	6.984	77	35655	20.450	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	25502	19.447	ug/l	98
28) Bromochloromethane	7.338	49	19450	24.234	ug/l	98
29) Tetrahydrofuran	7.362	42	19590	93.441	ug/l	99
30) Chloroform	7.515	83	44120	20.924	ug/l	98
31) Cyclohexane	7.795	56	33000	17.236	ug/l #	90
32) 1,1,1-Trichloroethane	7.704	97	36907	20.349	ug/l	97
36) 1,1-Dichloropropene	7.923	75	31508	19.176	ug/l	100
37) Ethyl Acetate	7.076	43	15419	20.233	ug/l	98
38) Carbon Tetrachloride	7.905	117	32208	20.473	ug/l	96
39) Methylcyclohexane	9.191	83	33209	17.300	ug/l	99
40) Benzene	8.167	78	94838	20.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	6488	17.969	ug/l #	77
42) 1,2-Dichloroethane	8.246	62	25678	20.669	ug/l	99
43) Isopropyl Acetate	8.283	43	27964	20.729	ug/l	99
44) Trichloroethene	8.947	130	24092	20.227	ug/l	98
45) 1,2-Dichloropropane	9.222	63	23991	20.816	ug/l	96
46) Dibromomethane	9.313	93	13049	20.960	ug/l	97
47) Bromodichloromethane	9.502	83	33683	21.618	ug/l	94
48) Methyl methacrylate	9.301	41	12058	19.056	ug/l	94
49) 1,4-Dioxane	9.325	88	2779	410.099	ug/l #	75
51) 4-Methyl-2-Pentanone	10.081	43	76909	106.352	ug/l	99
52) Toluene	10.252	92	58112	20.518	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	29696	20.291	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	36024	20.550	ug/l	100
55) 1,1,2-Trichloroethane	10.654	97	18439	21.768	ug/l	98
56) Ethyl methacrylate	10.520	69	20997	20.376	ug/l	98
57) 1,3-Dichloropropane	10.794	76	30517	20.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	54419	103.125	ug/l	98
59) 2-Hexanone	10.843	43	58105	111.117	ug/l	100
60) Dibromochloromethane	10.990	129	21121	21.255	ug/l	99
61) 1,2-Dibromoethane	11.093	107	16225	20.596	ug/l	100
64) Tetrachloroethene	10.727	164	21153	21.500	ug/l	98
65) Chlorobenzene	11.526	112	61141	20.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	22682	21.358	ug/l	98
67) Ethyl Benzene	11.599	91	108884	20.616	ug/l	97
68) m/p-Xylenes	11.709	106	83088	41.455	ug/l	99
69) o-Xylene	12.038	106	38773	21.007	ug/l	99
70) Styrene	12.050	104	64289	21.140	ug/l	99
71) Bromoform	12.215	173	12061	21.686	ug/l #	100
73) Isopropylbenzene	12.337	105	103372	20.687	ug/l	98
74) N-amyl acetate	12.148	43	23442	20.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	21000	21.367	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	12489m	19.893	ug/l	
77) Bromobenzene	12.617	156	23232	20.960	ug/l	99
78) n-propylbenzene	12.678	91	129452	21.093	ug/l	100
79) 2-Chlorotoluene	12.764	91	71410	21.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	83720	21.066	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6160	20.388	ug/l	96
82) 4-Chlorotoluene	12.861	91	73102	21.051	ug/l	97
83) tert-Butylbenzene	13.081	119	72785	21.366	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	81668	20.819	ug/l	98
85) sec-Butylbenzene	13.257	105	113688	21.353	ug/l	99
86) p-Isopropyltoluene	13.373	119	89777	21.101	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	46441	21.003	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	46010	21.418	ug/l	99
89) n-Butylbenzene	13.702	91	86566	21.399	ug/l	99
90) Hexachloroethane	13.965	117	18780	21.501	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	40655	21.598	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2782	21.731	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	20561	21.990	ug/l	99
94) Hexachlorobutadiene	15.117	225	12106	21.984	ug/l	98
95) Naphthalene	15.245	128	35589	20.596	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	17297	21.752	ug/l	97

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

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