

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018788.D
 Acq On : 12 Jul 2024 11:03
 Operator : SY/MD
 Sample : VY0712SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0712SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	118622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	158782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55084	47.191	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.380%		
35) Dibromofluoromethane	7.710	113	54107	46.881	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.760%		
50) Toluene-d8	10.173	98	205595	47.020	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.040%		
62) 4-Bromofluorobenzene	12.477	95	67992	45.533	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17378	17.483	ug/l	99
3) Chloromethane	2.107	50	24595	16.283	ug/l	99
4) Vinyl Chloride	2.241	62	31568	17.866	ug/l	97
5) Bromomethane	2.637	94	23093	19.000	ug/l	95
6) Chloroethane	2.784	64	21879	19.059	ug/l	97
7) Trichlorofluoromethane	3.113	101	41048	17.778	ug/l	100
8) Diethyl Ether	3.515	74	11021	19.584	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	22301	18.825	ug/l	97
10) Methyl Iodide	4.076	142	24283	19.035	ug/l	94
11) Tert butyl alcohol	4.942	59	8329	70.439	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	20856	18.198	ug/l	91
13) Acrolein	3.717	56	8329	87.918	ug/l	100
14) Allyl chloride	4.466	41	27024	19.034	ug/l	91
15) Acrylonitrile	5.155	53	20930	94.276	ug/l	97
16) Acetone	3.936	43	19384	90.075	ug/l #	86
17) Carbon Disulfide	4.186	76	54636	17.026	ug/l	97
18) Methyl Acetate	4.460	43	11034	17.646	ug/l	96
19) Methyl tert-butyl Ether	5.198	73	49990	18.803	ug/l	99
20) Methylene Chloride	4.692	84	29715	21.558	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	22948	18.972	ug/l	94
22) Diisopropyl ether	6.112	45	57738	18.695	ug/l	95
23) Vinyl Acetate	6.045	43	230072	94.558	ug/l	97
24) 1,1-Dichloroethane	5.997	63	37197	18.864	ug/l	94
25) 2-Butanone	6.978	43	29099	96.466	ug/l	96
26) 2,2-Dichloropropane	6.972	77	32079	17.533	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	27133	19.267	ug/l	98
28) Bromochloromethane	7.320	49	15889	20.062	ug/l	97
29) Tetrahydrofuran	7.338	42	16989	91.867	ug/l	97
30) Chloroform	7.496	83	42299	19.248	ug/l	94
31) Cyclohexane	7.777	56	31676	17.664	ug/l #	85
32) 1,1,1-Trichloroethane	7.698	97	38808	18.990	ug/l	97
36) 1,1-Dichloropropene	7.911	75	29962	18.812	ug/l	97
37) Ethyl Acetate	7.063	43	12876	19.449	ug/l #	90
38) Carbon Tetrachloride	7.893	117	35294	18.398	ug/l	96
39) Methylcyclohexane	9.179	83	37514	18.379	ug/l	99
40) Benzene	8.155	78	88222	19.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6133	16.249	ug/l	96
42) 1,2-Dichloroethane	8.228	62	25153	19.444	ug/l	96
43) Isopropyl Acetate	8.271	43	24597	18.672	ug/l #	79
44) Trichloroethene	8.935	130	25647	19.419	ug/l	97
45) 1,2-Dichloropropane	9.209	63	19641	19.521	ug/l	95
46) Dibromomethane	9.301	93	12878	19.747	ug/l	96
47) Bromodichloromethane	9.496	83	30682	18.832	ug/l	97
48) Methyl methacrylate	9.289	41	11953	19.963	ug/l #	83
49) 1,4-Dioxane	9.295	88	3230	422.507	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	63986	95.136	ug/l	96
52) Toluene	10.240	92	58515	19.054	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	25928	18.432	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	31151	18.877	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	16315	19.755	ug/l	94
56) Ethyl methacrylate	10.508	69	20013	18.407	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	27143	19.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	52231	100.551	ug/l	94
59) 2-Hexanone	10.831	43	44538	94.655	ug/l	93
60) Dibromochloromethane	10.983	129	22113	19.488	ug/l	99
61) 1,2-Dibromoethane	11.081	107	15496	19.301	ug/l	94
64) Tetrachloroethene	10.715	164	25487	19.831	ug/l	97
65) Chlorobenzene	11.514	112	64637	19.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	21973	19.040	ug/l	98
67) Ethyl Benzene	11.587	91	109671	18.690	ug/l	95
68) m/p-Xylenes	11.703	106	87385	37.950	ug/l	97
69) o-Xylene	12.026	106	42090	19.443	ug/l	98
70) Styrene	12.044	104	69319	19.191	ug/l	98
71) Bromoform	12.203	173	12067	19.183	ug/l #	99
73) Isopropylbenzene	12.325	105	107773	19.083	ug/l	98
74) N-amyl acetate	12.142	43	21637	18.734	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	17569	19.734	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	12500m	20.683	ug/l	
77) Bromobenzene	12.605	156	25504	18.917	ug/l	94
78) n-propylbenzene	12.672	91	129792	19.353	ug/l	97
79) 2-Chlorotoluene	12.751	91	72179	19.141	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	88933	19.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	5265	19.497	ug/l #	85
82) 4-Chlorotoluene	12.849	91	74381	19.155	ug/l	98
83) tert-Butylbenzene	13.075	119	82703	19.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	88662	19.309	ug/l	99
85) sec-Butylbenzene	13.251	105	117075	19.334	ug/l	99
86) p-Isopropyltoluene	13.367	119	98811	18.902	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	50075	18.911	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	49737	18.951	ug/l	98
89) n-Butylbenzene	13.696	91	88867	18.751	ug/l	97
90) Hexachloroethane	13.959	117	17726	18.233	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	44619	19.507	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2347	16.269	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	25039	17.932	ug/l	97
94) Hexachlorobutadiene	15.111	225	15391	19.124	ug/l	97
95) Naphthalene	15.239	128	43251	18.056	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	21085	17.649	ug/l	98

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

