

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018155.D
 Acq On : 06 May 2024 11:29
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Quant Time: May 06 23:44:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	256253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	415101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	89429	44.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.540%		
35) Dibromofluoromethane	7.710	113	105826	44.363	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.720%		
50) Toluene-d8	10.179	98	416045	44.675	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.360%		
62) 4-Bromofluorobenzene	12.477	95	133051	41.515	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40821	19.956	ug/l	99
3) Chloromethane	2.107	50	53551	20.036	ug/l	99
4) Vinyl Chloride	2.241	62	63622	22.002	ug/l	96
5) Bromomethane	2.638	94	45596	25.546	ug/l	98
6) Chloroethane	2.784	64	40941	22.734	ug/l	99
7) Trichlorofluoromethane	3.113	101	76302	19.820	ug/l	96
8) Diethyl Ether	3.515	74	25730	20.816	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	47429	19.742	ug/l	96
10) Methyl Iodide	4.082	142	57314	17.999	ug/l	97
11) Tert butyl alcohol	4.942	59	20054	121.817	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	47260	19.291	ug/l	90
13) Acrolein	3.723	56	25779	105.210	ug/l	97
14) Allyl chloride	4.466	41	62221	19.209	ug/l	98
15) Acrylonitrile	5.155	53	50201	108.121	ug/l	99
16) Acetone	3.942	43	37316	96.976	ug/l	95
17) Carbon Disulfide	4.186	76	127044	17.367	ug/l	99
18) Methyl Acetate	4.466	43	20600	20.903	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	111525	19.838	ug/l	97
20) Methylene Chloride	4.704	84	52782	19.575	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	51970	19.955	ug/l	94
22) Diisopropyl ether	6.106	45	134713	20.194	ug/l #	90
23) Vinyl Acetate	6.052	43	408764	96.609	ug/l	99
24) 1,1-Dichloroethane	6.009	63	81168	20.150	ug/l	98
25) 2-Butanone	6.972	43	60929	101.780	ug/l	92
26) 2,2-Dichloropropane	6.972	77	74966	19.899	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	61851	19.914	ug/l	96
28) Bromochloromethane	7.326	49	35010	21.506	ug/l	94
29) Tetrahydrofuran	7.338	42	39960	105.001	ug/l	97
30) Chloroform	7.502	83	85679	20.100	ug/l	100
31) Cyclohexane	7.783	56	73391	18.963	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	76389	19.634	ug/l	98
36) 1,1-Dichloropropene	7.911	75	61944	19.453	ug/l	96
37) Ethyl Acetate	7.064	43	28170	20.329	ug/l #	94
38) Carbon Tetrachloride	7.893	117	68810	19.039	ug/l	96
39) Methylcyclohexane	9.179	83	88556	18.934	ug/l	99
40) Benzene	8.155	78	204872	20.023	ug/l	96

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41) Methacrylonitrile	7.307	41	14216	17.396	ug/l	95
42) 1,2-Dichloroethane	8.234	62	44709	18.861	ug/l	96
43) Isopropyl Acetate	8.271	43	57258	19.668	ug/l	96
44) Trichloroethene	8.935	130	55788	19.226	ug/l	98
45) 1,2-Dichloropropane	9.209	63	44912	20.118	ug/l	99
46) Dibromomethane	9.301	93	25617	18.873	ug/l	95
47) Bromodichloromethane	9.496	83	63908	19.179	ug/l	94
48) Methyl methacrylate	9.289	41	25845	19.394	ug/l	91
49) 1,4-Dioxane	9.295	88	6705	445.259	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	141626	99.606	ug/l	97
52) Toluene	10.240	92	132075	19.504	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	61934	19.236	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	72620	19.199	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	35562	19.480	ug/l	96
56) Ethyl methacrylate	10.508	69	48394	18.749	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	58178	19.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	124442	103.282	ug/l	95
59) 2-Hexanone	10.831	43	98792	97.349	ug/l	98
60) Dibromochloromethane	10.984	129	46601	18.794	ug/l	97
61) 1,2-Dibromoethane	11.087	107	34137	19.514	ug/l	97
64) Tetrachloroethene	10.715	164	48992	18.932	ug/l	95
65) Chlorobenzene	11.514	112	147211	19.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	47672	18.782	ug/l	100
67) Ethyl Benzene	11.593	91	245679	19.416	ug/l	95
68) m/p-Xylenes	11.703	106	196202	38.697	ug/l	96
69) o-Xylene	12.026	106	93223	19.139	ug/l	95
70) Styrene	12.044	104	159503	19.457	ug/l	97
71) Bromoform	12.209	173	27404	18.424	ug/l #	100
73) Isopropylbenzene	12.331	105	240554	19.620	ug/l	98
74) N-amyl acetate	12.142	43	51776	19.240	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	39540	20.267	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	26997m	19.746	ug/l	
77) Bromobenzene	12.605	156	57010	19.569	ug/l	94
78) n-propylbenzene	12.672	91	281378	19.929	ug/l	98
79) 2-Chlorotoluene	12.758	91	155405	19.380	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	192240	19.454	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	13967	18.611	ug/l	99
82) 4-Chlorotoluene	12.855	91	156348	19.028	ug/l	95
83) tert-Butylbenzene	13.075	119	179096	19.796	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	185754	19.189	ug/l	97
85) sec-Butylbenzene	13.251	105	258207	19.889	ug/l	97
86) p-Isopropyltoluene	13.367	119	212817	19.670	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	109630	19.675	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	106584	19.407	ug/l	98
89) n-Butylbenzene	13.696	91	192559	20.111	ug/l	98
90) Hexachloroethane	13.959	117	42440	19.307	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	95207	19.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5352	18.186	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	51862	19.111	ug/l	98
94) Hexachlorobutadiene	15.111	225	29121	19.387	ug/l	99
95) Naphthalene	15.233	128	97519	19.517	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	44874	19.817	ug/l	97

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

