

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018056.D
 Acq On : 26 Apr 2024 12:41
 Operator : SY/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Quant Time: Apr 27 01:05:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
 Supervised By :Semsettin Yesilyurt 04/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	377723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	577538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	511529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	250453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	176852	54.105	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.200%			
35) Dibromofluoromethane	7.722	113	206625	57.991	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.980%			
50) Toluene-d8	10.185	98	815329	60.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.620%			
62) 4-Bromofluorobenzene	12.489	95	254100	60.685	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 121.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77767	25.952	ug/l	97
3) Chloromethane	2.113	50	90010	18.128	ug/l	99
4) Vinyl Chloride	2.253	62	102404	18.298	ug/l	97
5) Bromomethane	2.650	94	72840	19.554	ug/l	96
6) Chloroethane	2.796	64	64094	18.140	ug/l	98
7) Trichlorofluoromethane	3.125	101	137279	21.765	ug/l	92
8) Diethyl Ether	3.534	74	43770	21.961	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	90512	23.044	ug/l	97
10) Methyl Iodide	4.094	142	109824	21.017	ug/l	98
11) Tert butyl alcohol	4.960	59	29828	119.924	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	85777	22.496	ug/l	97
13) Acrolein	3.735	56	34218	134.414	ug/l	98
14) Allyl chloride	4.479	41	110166	22.326	ug/l	91
15) Acrylonitrile	5.167	53	88654	109.554	ug/l	100
16) Acetone	3.948	43	63755	98.713	ug/l	92
17) Carbon Disulfide	4.198	76	242934	20.028	ug/l	98
18) Methyl Acetate	4.485	43	35414	20.843	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	183034	22.026	ug/l	98
20) Methylene Chloride	4.716	84	114656	26.203	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	92852	22.230	ug/l	98
22) Diisopropyl ether	6.125	45	250905	23.194	ug/l	98
23) Vinyl Acetate	6.064	43	709158	110.553	ug/l	98
24) 1,1-Dichloroethane	6.021	63	158796	22.483	ug/l	99
25) 2-Butanone	6.990	43	103869	109.413	ug/l	96
26) 2,2-Dichloropropane	6.984	77	135327	23.882	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	108369	22.717	ug/l	98
28) Bromochloromethane	7.338	49	55230	19.879	ug/l	100
29) Tetrahydrofuran	7.350	42	66172	109.840	ug/l	95
30) Chloroform	7.508	83	165199	22.886	ug/l	98
31) Cyclohexane	7.789	56	140175	22.436	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	141885	23.600	ug/l	100
36) 1,1-Dichloropropene	7.923	75	119608	23.083	ug/l	99
37) Ethyl Acetate	7.076	43	48038	22.533	ug/l #	97
38) Carbon Tetrachloride	7.905	117	128135	24.476	ug/l	92
39) Methylcyclohexane	9.191	83	155332	23.003	ug/l	95
40) Benzene	8.167	78	382786	23.584	ug/l	100

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41) Methacrylonitrile	7.332	41	27902m	20.742	ug/l	
42) 1,2-Dichloroethane	8.240	62	83028	22.325	ug/l	98
43) Isopropyl Acetate	8.277	43	87356	21.982	ug/l	99
44) Trichloroethene	8.941	130	101306	24.562	ug/l	97
45) 1,2-Dichloropropane	9.222	63	88375	23.654	ug/l	98
46) Dibromomethane	9.313	93	47157	22.818	ug/l	95
47) Bromodichloromethane	9.502	83	120717	23.282	ug/l	99
48) Methyl methacrylate	9.301	41	39082	21.462	ug/l	95
49) 1,4-Dioxane	9.307	88	10774	456.662	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	239200	113.542	ug/l	99
52) Toluene	10.252	92	241994	24.297	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	111984	23.658	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	136365	23.451	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	66989	23.845	ug/l	96
56) Ethyl methacrylate	10.514	69	83104	22.690	ug/l	97
57) 1,3-Dichloropropane	10.794	76	111758	23.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	187476	98.475	ug/l	100
59) 2-Hexanone	10.837	43	165911	115.368	ug/l	98
60) Dibromochloromethane	10.990	129	87340	24.190	ug/l	100
61) 1,2-Dibromoethane	11.093	107	61323	23.422	ug/l	99
64) Tetrachloroethene	10.727	164	88786	24.230	ug/l	98
65) Chlorobenzene	11.520	112	268764	23.973	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	89765	24.282	ug/l	99
67) Ethyl Benzene	11.599	91	455467	24.128	ug/l	98
68) m/p-Xylenes	11.709	106	350893	48.398	ug/l	100
69) o-Xylene	12.032	106	165108	24.386	ug/l	100
70) Styrene	12.050	104	279805	24.451	ug/l	99
71) Bromoform	12.215	173	51273	24.006	ug/l #	99
73) Isopropylbenzene	12.337	105	434105	23.787	ug/l	98
74) N-amyl acetate	12.148	43	79250	21.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	74422	21.866	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	52434m	22.310	ug/l	
77) Bromobenzene	12.617	156	103495	23.434	ug/l	97
78) n-propylbenzene	12.678	91	529760	23.925	ug/l	98
79) 2-Chlorotoluene	12.764	91	295800	23.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	350135	24.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	24536	21.525	ug/l	99
82) 4-Chlorotoluene	12.861	91	302104	23.536	ug/l	97
83) tert-Butylbenzene	13.081	119	325560	24.632	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	349527	24.255	ug/l	98
85) sec-Butylbenzene	13.257	105	480893	24.224	ug/l	98
86) p-Isopropyltoluene	13.373	119	396657	24.316	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	210979	24.077	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	210191	24.435	ug/l	99
89) n-Butylbenzene	13.703	91	368727	24.027	ug/l	99
90) Hexachloroethane	13.965	117	79665	23.817	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	180136	23.828	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9365	21.391	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	103556	23.523	ug/l	100
94) Hexachlorobutadiene	15.117	225	63790	24.426	ug/l	98
95) Naphthalene	15.239	128	157036	21.647	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	85678	23.194	ug/l	99

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

