

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008827.D
 Acq On : 18 May 2022 20:23
 Operator : KP/MD
 Sample : N2781-18MS
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0006-01MS

Quant Time: May 19 03:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/23/2022
 Supervised By : Mahesh Dadoda 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	86650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61625	76.662	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 153.320%			
35) Dibromofluoromethane	7.716	113	52969	59.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.980%			
50) Toluene-d8	10.179	98	209374	53.131	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.483	95	65516	46.998	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	30160	56.795	ug/l	96
3) Chloromethane	2.113	50	48641	65.182	ug/l	98
4) Vinyl Chloride	2.247	62	73056	64.475	ug/l	98
5) Bromomethane	2.650	94	59951	59.741	ug/l	98
6) Chloroethane	2.790	64	53818	61.549	ug/l	97
7) Trichlorofluoromethane	3.125	101	63329	55.091	ug/l	97
8) Diethyl Ether	3.527	74	22862	59.548	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	35874	50.279	ug/l	95
10) Methyl Iodide	4.088	142	32114	35.773	ug/l	94
11) Tert butyl alcohol	4.942	59	21375	240.594	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	35853	48.763	ug/l	82
13) Acrolein	3.722	56	292	6.644	ug/l #	77
14) Allyl chloride	4.478	41	54726	50.602	ug/l #	87
15) Acrylonitrile	5.155	53	63541	244.064	ug/l	98
16) Acetone	3.942	43	52284	296.542	ug/l	96
17) Carbon Disulfide	4.192	76	89268	47.073	ug/l	98
18) Methyl Acetate	4.472	43	70419	130.904	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	129439	65.366	ug/l	98
20) Methylene Chloride	4.710	84	52572	65.482	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	45164	50.097	ug/l	85
22) Diisopropyl ether	6.118	45	137515	60.040	ug/l	90
23) Vinyl Acetate	6.112	43	78153	48.395	ug/l #	77
24) 1,1-Dichloroethane	6.015	63	84425	55.551	ug/l	97
25) 2-Butanone	6.984	43	87190	258.458	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	71328	49.380	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	55519	55.524	ug/l	88
28) Bromochloromethane	7.332	49	33803	58.668	ug/l #	88
29) Tetrahydrofuran	7.344	42	60060	267.259	ug/l #	86
30) Chloroform	7.502	83	92850	56.983	ug/l	100
31) Cyclohexane	7.777	56	57650	45.099	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	79738	52.781	ug/l	98
36) 1,1-Dichloropropene	7.917	75	63518	44.912	ug/l	97
37) Ethyl Acetate	7.069	43	8702	10.325	ug/l #	82
38) Carbon Tetrachloride	7.899	117	67920	44.811	ug/l	97
39) Methylcyclohexane	9.185	83	48028	28.636	ug/l	89
40) Benzene	8.155	78	199783	50.485	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	22478m	50.715	ug/l	
42) 1,2-Dichloroethane	8.234	62	66854	57.552	ug/l	93
43) Isopropyl Acetate	8.270	43	33763	24.065	ug/l #	63
44) Trichloroethene	8.935	130	49959	46.410	ug/l	98
45) 1,2-Dichloropropane	9.215	63	52887	56.233	ug/l	98
46) Dibromomethane	9.301	93	36135	58.471	ug/l	94
47) Bromodichloromethane	9.496	83	78880	57.575	ug/l	97
48) Methyl methacrylate	9.289	41	48084	78.052	ug/l	88
49) 1,4-Dioxane	9.295	88	9772	1052.723	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	223075	269.329	ug/l	91
52) Toluene	10.240	92	134859	50.151	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	80118	56.300	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	83176	54.202	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	49930	59.413	ug/l	97
56) Ethyl methacrylate	10.508	69	19442	19.068	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	82054	59.380	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	147537	283.763	ug/l	96
59) 2-Hexanone	10.831	43	142211	240.302	ug/l	89
60) Dibromochloromethane	10.983	129	57881	57.373	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47283	56.419	ug/l	98
64) Tetrachloroethene	10.721	164	44933	47.824	ug/l	98
65) Chlorobenzene	11.514	112	138301	46.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	58282	53.704	ug/l	96
67) Ethyl Benzene	11.593	91	244882	46.161	ug/l	98
68) m/p-Xylenes	11.703	106	200384	94.816	ug/l	89
69) o-Xylene	12.032	106	97481	49.920	ug/l	90
70) Styrene	12.044	104	163133	49.350	ug/l	95
71) Bromoform	12.209	173	39605	53.759	ug/l #	99
73) Isopropylbenzene	12.331	105	225767	49.763	ug/l	99
74) N-amyl acetate	12.142	43	6858	6.333	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	66310	65.744	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	47000m	61.507	ug/l	
77) Bromobenzene	12.611	156	59090	56.209	ug/l	97
78) n-propylbenzene	12.672	91	254054	45.582	ug/l	99
79) 2-Chlorotoluene	12.757	91	150272	49.778	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	179055	48.881	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	19691	56.364	ug/l	87
82) 4-Chlorotoluene	12.855	91	160271	50.254	ug/l	98
83) tert-Butylbenzene	13.074	119	147526	44.782	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	182030	50.197	ug/l	97
85) sec-Butylbenzene	13.251	105	188333	36.643	ug/l	100
86) p-Isopropyltoluene	13.373	119	158214	37.752	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	100053	45.297	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	103775	47.498	ug/l	98
89) n-Butylbenzene	13.696	91	111930	28.138	ug/l	99
90) Hexachloroethane	13.965	117	28961	36.550	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	95656	49.521	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9107	52.808	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	29391	27.864	ug/l	99
94) Hexachlorobutadiene	15.111	225	6698	11.035	ug/l	98
95) Naphthalene	15.239	128	96010	40.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25714	27.750	ug/l	98

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

