

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008828.D
 Acq On : 18 May 2022 20:46
 Operator : KP/MD
 Sample : N2781-19MSD
 Misc : 6.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: May 19 03:13:54 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	99230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64886	70.485	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.980%			
35) Dibromofluoromethane	7.716	113	58711	58.698	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.400%			
50) Toluene-d8	10.179	98	229807	51.582	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.483	95	74090	46.927	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33269	54.448	ug/l	98
3) Chloromethane	2.113	50	51084	58.731	ug/l	95
4) Vinyl Chloride	2.247	62	78418	59.841	ug/l	99
5) Bromomethane	2.649	94	64230	55.707	ug/l	94
6) Chloroethane	2.790	64	56754	56.076	ug/l	99
7) Trichlorofluoromethane	3.125	101	69374	52.430	ug/l	91
8) Diethyl Ether	3.521	74	24991	56.841	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	42192	51.772	ug/l	94
10) Methyl Iodide	4.088	142	40160	39.064	ug/l	94
11) Tert butyl alcohol	4.948	59	24179	237.652	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	39475	46.883	ug/l	85
13) Acrolein	3.722	56	2051	40.750	ug/l	99
14) Allyl chloride	4.472	41	62610	50.552	ug/l #	89
15) Acrylonitrile	5.155	53	67359	225.928	ug/l	98
16) Acetone	3.942	43	61457	305.173	ug/l	92
17) Carbon Disulfide	4.192	76	100571	46.234	ug/l	96
18) Methyl Acetate	4.478	43	77805	126.116	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	140067	61.766	ug/l	96
20) Methylene Chloride	4.710	84	58660	63.609	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	49617	48.059	ug/l	85
22) Diisopropyl ether	6.118	45	152171	58.016	ug/l #	89
23) Vinyl Acetate	6.118	43	102260	55.295	ug/l #	78
24) 1,1-Dichloroethane	6.015	63	93987	54.003	ug/l	100
25) 2-Butanone	6.984	43	95057	246.055	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	81795	49.448	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	60535	52.865	ug/l	88
28) Bromochloromethane	7.331	49	57931	87.797	ug/l #	87
29) Tetrahydrofuran	7.344	42	64162	249.316	ug/l #	86
30) Chloroform	7.502	83	102605	54.987	ug/l	98
31) Cyclohexane	7.783	56	68847	47.171	ug/l	87
32) 1,1,1-Trichloroethane	7.703	97	88619	51.223	ug/l	98
36) 1,1-Dichloropropene	7.917	75	71675	44.741	ug/l	99
37) Ethyl Acetate	7.069	43	16179	16.948	ug/l #	87
38) Carbon Tetrachloride	7.898	117	75907	44.213	ug/l	98
39) Methylcyclohexane	9.185	83	64337	33.865	ug/l	87
40) Benzene	8.155	78	217819	48.593	ug/l	98

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41) Methacrylonitrile	7.325	41	24549m	48.898	ug/l	
42) 1,2-Dichloroethane	8.234	62	72388	55.014	ug/l	93
43) Isopropyl Acetate	8.270	43	52727	33.178	ug/l #	88
44) Trichloroethene	8.941	130	55484	45.503	ug/l	97
45) 1,2-Dichloropropane	9.215	63	57119	53.617	ug/l	99
46) Dibromomethane	9.307	93	37642	53.773	ug/l	94
47) Bromodichloromethane	9.496	83	85048	54.804	ug/l	99
48) Methyl methacrylate	9.288	41	47028	67.393	ug/l #	88
49) 1,4-Dioxane	9.295	88	9741	926.429	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	239458	255.234	ug/l	92
52) Toluene	10.246	92	151452	49.723	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	86813	53.857	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	90293	51.946	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	55161	57.947	ug/l	98
56) Ethyl methacrylate	10.508	69	33459	28.971	ug/l	84
57) 1,3-Dichloropropane	10.788	76	88624	56.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	165847	281.605	ug/l	96
59) 2-Hexanone	10.831	43	159999	238.682	ug/l	89
60) Dibromochloromethane	10.983	129	63229	55.330	ug/l	98
61) 1,2-Dibromoethane	11.087	107	51196	53.930	ug/l	99
64) Tetrachloroethene	10.715	164	52142	49.848	ug/l	95
65) Chlorobenzene	11.514	112	157399	47.593	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	63877	52.868	ug/l	98
67) Ethyl Benzene	11.593	91	275901	46.715	ug/l	93
68) m/p-Xylenes	11.703	106	225968	96.039	ug/l	91
69) o-Xylene	12.032	106	109963	50.580	ug/l	91
70) Styrene	12.044	104	185493	50.402	ug/l	94
71) Bromoform	12.209	173	42882	52.282	ug/l #	100
73) Isopropylbenzene	12.331	105	266257	48.714	ug/l	100
74) N-amyl acetate	12.142	43	18855	14.452	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	69008	56.792	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	49873m	54.176	ug/l	
77) Bromobenzene	12.611	156	66565	52.560	ug/l	97
78) n-propylbenzene	12.672	91	307007	45.722	ug/l	99
79) 2-Chlorotoluene	12.757	91	178606	49.110	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	215578	48.851	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	21526	51.146	ug/l	87
82) 4-Chlorotoluene	12.855	91	191113	49.741	ug/l	98
83) tert-Butylbenzene	13.074	119	181798	45.808	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	222128	50.845	ug/l	97
85) sec-Butylbenzene	13.251	105	253152	40.884	ug/l	99
86) p-Isopropyltoluene	13.367	119	214088	42.403	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	121983	45.840	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	124051	47.129	ug/l	98
89) n-Butylbenzene	13.696	91	158844	33.145	ug/l	98
90) Hexachloroethane	13.964	117	39396	41.271	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	115698	49.718	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10756	51.770	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	41496	32.654	ug/l	99
94) Hexachlorobutadiene	15.117	225	11982	16.386	ug/l	94
95) Naphthalene	15.239	128	119239	41.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	36755	32.925	ug/l	96

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

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