

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019016.D
 Acq On : 12 Aug 2024 20:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 01:20:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

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

Internal Standards						08/13/2024
1) Pentafluorobenzene	7.701	168	52258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	78536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	72902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39776	50.000	ug/l	0.00
System Monitoring Compounds						08/13/2024
33) 1,2-Dichloroethane-d4	8.055	65	23919	52.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.260%	
35) Dibromofluoromethane	7.628	113	26684	53.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.400%	
50) Toluene-d8	10.103	98	99461	51.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.408	95	29292	51.245	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	16563	46.111	ug/l	95
3) Chloromethane	2.068	50	47362	56.499	ug/l	99
4) Vinyl Chloride	2.202	62	65357	54.295	ug/l	97
5) Bromomethane	2.586	94	53526	55.732	ug/l	90
6) Chloroethane	2.732	64	44658	55.170	ug/l	93
7) Trichlorofluoromethane	3.043	101	85465	53.272	ug/l	93
8) Diethyl Ether	3.446	74	14139	57.172	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	24931	49.741	ug/l #	91
10) Methyl Iodide	3.994	142	28721	53.068	ug/l	94
11) Tert butyl alcohol	4.836	59	9958	251.030	ug/l #	82
12) 1,1-Dichloroethene	3.775	96	24017	50.721	ug/l	93
13) Acrolein	3.647	56	9784	202.293	ug/l	93
14) Allyl chloride	4.366	41	31831	50.263	ug/l #	85
15) Acrylonitrile	5.037	53	28356	292.476	ug/l	98
16) Acetone	3.854	43	20553	183.449	ug/l #	81
17) Carbon Disulfide	4.098	76	71350	50.690	ug/l	98
18) Methyl Acetate	4.372	43	19624	76.952	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	62925	54.029	ug/l	94
20) Methylene Chloride	4.604	84	28405	54.580	ug/l #	83
21) trans-1,2-Dichloroethene	5.104	96	28580	54.551	ug/l	91
22) Diisopropyl ether	6.012	45	76906	55.707	ug/l #	88
23) Vinyl Acetate	5.951	43	318702	267.490	ug/l	94
24) 1,1-Dichloroethane	5.909	63	46484	54.885	ug/l	97
25) 2-Butanone	6.884	43	37221	250.549	ug/l #	84
26) 2,2-Dichloropropane	6.872	77	32173	40.361	ug/l	95
27) cis-1,2-Dichloroethene	6.878	96	34635	55.252	ug/l	95
28) Bromochloromethane	7.232	49	22662	58.121	ug/l	92
29) Tetrahydrofuran	7.250	42	25602	292.269	ug/l	91
30) Chloroform	7.408	83	51743	57.113	ug/l	95
31) Cyclohexane	7.689	56	37610	52.617	ug/l	93
32) 1,1,1-Trichloroethane	7.604	97	44742	54.635	ug/l	95
36) 1,1-Dichloropropene	7.823	75	35442	52.637	ug/l	99
37) Ethyl Acetate	6.970	43	16981	55.177	ug/l	98
38) Carbon Tetrachloride	7.811	117	42173	54.627	ug/l	96
39) Methylcyclohexane	9.103	83	46088	50.852	ug/l	96
40) Benzene	8.073	78	112110	56.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	8379m	61.150	ug/l	
42) 1,2-Dichloroethane	8.146	62	29282	58.754	ug/l	100
43) Isopropyl Acetate	8.189	43	35052	56.004	ug/l #	77
44) Trichloroethene	8.859	130	31797	55.721	ug/l	94
45) 1,2-Dichloropropane	9.134	63	25016	55.845	ug/l	98
46) Dibromomethane	9.225	93	17894	61.822	ug/l	96
47) Bromodichloromethane	9.420	83	39116	57.750	ug/l	98
48) Methyl methacrylate	9.213	41	16124	58.971	ug/l #	74
49) 1,4-Dioxane	9.219	88	4448	1300.737	ug/l #	89
51) 4-Methyl-2-Pentanone	9.993	43	101317	313.877	ug/l #	86
52) Toluene	10.170	92	77157	58.020	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	31953	52.900	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	38465	53.610	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	21440	60.318	ug/l	97
56) Ethyl methacrylate	10.438	69	27264	56.650	ug/l #	68
57) 1,3-Dichloropropane	10.713	76	34498	58.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	66075	266.307	ug/l	98
59) 2-Hexanone	10.762	43	66053	285.265	ug/l	84
60) Dibromochloromethane	10.908	129	30061	63.080	ug/l	95
61) 1,2-Dibromoethane	11.012	107	20019	58.328	ug/l	100
64) Tetrachloroethene	10.646	164	36119	59.102	ug/l	98
65) Chlorobenzene	11.444	112	87865	54.893	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.511	131	30158	53.867	ug/l	99
67) Ethyl Benzene	11.518	91	146983	53.038	ug/l	94
68) m/p-Xylenes	11.627	106	121842	107.220	ug/l	94
69) o-Xylene	11.956	106	57234	54.571	ug/l	94
70) Styrene	11.969	104	98354	56.935	ug/l	98
71) Bromoform	12.133	173	16773	57.611	ug/l #	99
73) Isopropylbenzene	12.255	105	140990	48.832	ug/l	97
74) N-amyl acetate	12.072	43	32067	48.131	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	24183	51.902	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	14198m	47.914	ug/l	
77) Bromobenzene	12.530	156	36457	54.203	ug/l	87
78) n-propylbenzene	12.597	91	164712	48.200	ug/l	96
79) 2-Chlorotoluene	12.682	91	85338	48.237	ug/l	89
80) 1,3,5-Trimethylbenzene	12.737	105	112727	49.821	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	6141	42.703	ug/l	88
82) 4-Chlorotoluene	12.779	91	95100	52.504	ug/l	94
83) tert-Butylbenzene	12.999	119	104990	49.126	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	116594	50.797	ug/l	95
85) sec-Butylbenzene	13.176	105	151093	48.809	ug/l	95
86) p-Isopropyltoluene	13.292	119	134993	50.360	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	71838	52.286	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	69177	51.628	ug/l	98
89) n-Butylbenzene	13.621	91	116684	49.593	ug/l	98
90) Hexachloroethane	13.883	117	26025	51.454	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	62921	55.701	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3309	51.627	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	36286	58.337	ug/l	96
94) Hexachlorobutadiene	15.023	225	17903	52.481	ug/l	100
95) Naphthalene	15.145	128	64450	58.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	31277	58.583	ug/l	96

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

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