

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011376.D
 Acq On : 08 Nov 2022 20:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 09 03:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	227579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114622	47.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.180%
35) Dibromofluoromethane	7.715	113	120688	53.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.180%
50) Toluene-d8	10.178	98	444845	50.397	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.477	95	163483	53.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	79135	43.373	ug/l	96
3) Chloromethane	2.113	50	104927	41.580	ug/l	96
4) Vinyl Chloride	2.247	62	123065	43.657	ug/l	98
5) Bromomethane	2.643	94	88198	46.898	ug/l	97
6) Chloroethane	2.790	64	83080	45.865	ug/l	97
7) Trichlorofluoromethane	3.125	101	196828	47.263	ug/l	96
8) Diethyl Ether	3.527	74	73887	49.445	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	121885	48.680	ug/l	95
10) Methyl Iodide	4.088	142	160377	49.760	ug/l	91
11) Tert butyl alcohol	4.942	59	68019	273.972	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	119590	48.309	ug/l #	79
13) Acrolein	3.722	56	22690	168.459	ug/l	98
14) Allyl chloride	4.472	41	170148	45.376	ug/l #	83
15) Acrylonitrile	5.155	53	190565	254.144	ug/l	97
16) Acetone	3.942	43	135793	184.822	ug/l #	83
17) Carbon Disulfide	4.192	76	362752	44.615	ug/l	100
18) Methyl Acetate	4.472	43	90215	46.379	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	335035	50.931	ug/l	96
20) Methylene Chloride	4.710	84	164680	55.344	ug/l #	81
21) trans-1,2-Dichloroethene	5.216	96	140713	49.976	ug/l	85
22) Diisopropyl ether	6.112	45	380309	48.918	ug/l #	91
23) Vinyl Acetate	6.057	43	1190236	250.829	ug/l #	89
24) 1,1-Dichloroethane	6.008	63	237448	48.770	ug/l	98
25) 2-Butanone	6.978	43	226468	219.067	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	200707	45.084	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	160011	51.576	ug/l	84
28) Bromochloromethane	7.331	49	92905	49.677	ug/l #	74
29) Tetrahydrofuran	7.344	42	152479	253.359	ug/l #	79
30) Chloroform	7.502	83	250107	50.863	ug/l	99
31) Cyclohexane	7.783	56	201428	44.650	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	218959	50.203	ug/l	94
36) 1,1-Dichloropropene	7.911	75	187164	50.413	ug/l	96
37) Ethyl Acetate	7.069	43	99983	49.957	ug/l #	89
38) Carbon Tetrachloride	7.898	117	201688	52.363	ug/l	100
39) Methylcyclohexane	9.179	83	230510	51.035	ug/l	90
40) Benzene	8.154	78	566048	51.877	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	56785m	52.217	ug/l	
42) 1,2-Dichloroethane	8.234	62	153479	51.799	ug/l	90
43) Isopropyl Acetate	8.270	43	176667	50.102	ug/l #	84
44) Trichloroethene	8.935	130	156252	53.509	ug/l	97
45) 1,2-Dichloropropane	9.215	63	138835	51.467	ug/l	94
46) Dibromomethane	9.301	93	82492	54.122	ug/l	98
47) Bromodichloromethane	9.496	83	193611	53.586	ug/l	99
48) Methyl methacrylate	9.288	41	81093	50.069	ug/l #	72
49) 1,4-Dioxane	9.294	88	23584	1150.182	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	512801	267.465	ug/l #	84
52) Toluene	10.239	92	364714	53.906	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	199057	52.313	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	228380	52.453	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	119301	54.614	ug/l	97
56) Ethyl methacrylate	10.508	69	161112	55.836	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	198451	53.074	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	365844	270.450	ug/l	93
59) 2-Hexanone	10.831	43	358256	261.733	ug/l	81
60) Dibromochloromethane	10.983	129	145711	56.141	ug/l	100
61) 1,2-Dibromoethane	11.087	107	114260	55.095	ug/l	100
64) Tetrachloroethene	10.715	164	159092	56.845	ug/l	97
65) Chlorobenzene	11.514	112	390460	53.716	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	147522	55.118	ug/l	98
67) Ethyl Benzene	11.593	91	690914	53.584	ug/l	98
68) m/p-Xylenes	11.696	106	546019	109.090	ug/l	94
69) o-Xylene	12.026	106	257320	54.844	ug/l	94
70) Styrene	12.044	104	447315	56.240	ug/l	95
71) Bromoform	12.202	173	94301	56.688	ug/l #	99
73) Isopropylbenzene	12.324	105	678805	52.621	ug/l	100
74) N-amyl acetate	12.142	43	159202	49.165	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.580	83	137540	51.525	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	100997m	48.083	ug/l	
77) Bromobenzene	12.605	156	163189	53.781	ug/l	95
78) n-propylbenzene	12.666	91	816808	51.746	ug/l	98
79) 2-Chlorotoluene	12.751	91	463479	51.246	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	577060	52.865	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	48963	49.888	ug/l #	82
82) 4-Chlorotoluene	12.855	91	482191	51.736	ug/l	98
83) tert-Butylbenzene	13.074	119	500555	53.218	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	577111	53.456	ug/l	99
85) sec-Butylbenzene	13.251	105	727850	52.193	ug/l	99
86) p-Isopropyltoluene	13.367	119	620718	53.402	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	322700	53.038	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	318245	52.153	ug/l	99
89) n-Butylbenzene	13.696	91	559263	51.526	ug/l	98
90) Hexachloroethane	13.958	117	118688	51.058	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	289165	53.207	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23345	51.052	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	176982	53.879	ug/l	99
94) Hexachlorobutadiene	15.104	225	102644	53.666	ug/l	99
95) Naphthalene	15.232	128	381575	49.707	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	155673	53.927	ug/l	99

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

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