

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004396.D
 Acq On : 12 Apr 2021 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 4/13/2021 4:09:50 PM

Quant Time: Apr 13 03:58:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	186580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114276	55.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.26%			
35) Dibromofluoromethane	7.728	113	92085	53.66	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.32%			
50) Toluene-d8	10.185	98	385243	52.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.54%			
62) 4-Bromofluorobenzene	12.483	95	126619	51.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.22%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	85760	49.61	ug/l	96
3) Chloromethane	2.125	50	117908	47.17	ug/l	97
4) Vinyl Chloride	2.260	62	128243	48.58	ug/l	97
5) Bromomethane	2.656	94	67739	52.59	ug/l	99
6) Chloroethane	2.802	64	80059	50.58	ug/l	96
7) Trichlorofluoromethane	3.138	101	160063	48.48	ug/l	98
8) Diethyl Ether	3.540	74	54716	49.03	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	89428	48.83	ug/l	100
10) Methyl Iodide	4.107	142	108508	49.50	ug/l	100
11) Tert butyl alcohol	4.979	59	46590	228.05	ug/l	100
12) 1,1-Dichloroethene	3.881	96	90117	49.76	ug/l	97
13) Acrolein	3.741	56	50704	223.26	ug/l	99
14) Allyl chloride	4.491	41	170601	49.25	ug/l	99
15) Acrylonitrile	5.180	53	144132	240.74	ug/l	100
16) Acetone	3.961	43	114094	260.09	ug/l	99
17) Carbon Disulfide	4.204	76	277300	49.73	ug/l	100
18) Methyl Acetate	4.491	43	68018	47.11	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	270207	49.65	ug/l	98
20) Methylene Chloride	4.735	84	104846	52.36	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	103940	50.72	ug/l	98
22) Diisopropyl ether	6.131	45	370412	50.59	ug/l	97
23) Vinyl Acetate	6.076	43	1236877	248.16	ug/l	99
24) 1,1-Dichloroethane	6.033	63	188925	50.51	ug/l	99
25) 2-Butanone	7.003	43	194094	245.79	ug/l	98
26) 2,2-Dichloropropane	6.997	77	161229	48.04	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	116269	50.71	ug/l	99
28) Bromochloromethane	7.350	49	96586	56.82	ug/l	98
29) Tetrahydrofuran	7.362	42	131833	233.67	ug/l	100
30) Chloroform	7.521	83	187509	51.01	ug/l	99
31) Cyclohexane	7.795	56	175668	46.22	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	164891	49.44	ug/l	100
36) 1,1-Dichloropropene	7.929	75	146455	47.66	ug/l	100
37) Ethyl Acetate	7.088	43	90290	45.63	ug/l	99
38) Carbon Tetrachloride	7.911	117	131799	49.61	ug/l	98
39) Methylcyclohexane	9.191	83	180776	47.78	ug/l	98
40) Benzene	8.167	78	427681	49.52	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	62832m	52.39	ug/l	
42) 1,2-Dichloroethane	8.246	62	132107	48.77	ug/l	100
43) Isopropyl Acetate	8.283	43	178427	47.56	ug/l	100
44) Trichloroethene	8.947	130	114683	48.70	ug/l	96
45) 1,2-Dichloropropane	9.222	63	109878	49.30	ug/l	98
46) Dibromomethane	9.313	93	59519	49.05	ug/l	99
47) Bromodichloromethane	9.502	83	148555	50.57	ug/l	99
48) Methyl methacrylate	9.301	41	81733	47.31	ug/l	99
49) 1,4-Dioxane	9.301	88	15195	958.79	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	450111	233.58	ug/l	100
52) Toluene	10.252	92	268143	47.98	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	157612	48.64	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	179594	48.80	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	81318	48.63	ug/l	98
56) Ethyl methacrylate	10.514	69	117732	48.56	ug/l	100
57) 1,3-Dichloropropane	10.795	76	145308	48.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	324639	261.68	ug/l	100
59) 2-Hexanone	10.837	43	300954	232.97	ug/l	100
60) Dibromochloromethane	10.990	129	98077	49.36	ug/l	99
61) 1,2-Dibromoethane	11.093	107	78639	48.78	ug/l	99
64) Tetrachloroethene	10.722	164	115726	48.85	ug/l	99
65) Chlorobenzene	11.520	112	274746	49.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	100214	50.56	ug/l	100
67) Ethyl Benzene	11.599	91	512692	49.34	ug/l	99
68) m/p-Xylenes	11.703	106	383830	99.42	ug/l	100
69) o-Xylene	12.032	106	179760	49.68	ug/l	100
70) Styrene	12.051	104	303176	50.59	ug/l	99
71) Bromoform	12.215	173	56057	47.69	ug/l #	99
73) Isopropylbenzene	12.331	105	488720	49.37	ug/l	99
74) N-amyl acetate	12.148	43	161244	48.38	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	88838	47.44	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	65565m	47.69	ug/l	
77) Bromobenzene	12.611	156	108567	48.93	ug/l	98
78) n-propylbenzene	12.672	91	577834	49.41	ug/l	99
79) 2-Chlorotoluene	12.758	91	319792	50.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	403415	50.14	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	34435	44.80	ug/l	99
82) 4-Chlorotoluene	12.855	91	334192	49.49	ug/l	99
83) tert-Butylbenzene	13.081	119	346227	50.28	ug/l	99
84) 1,2,4-Trimethylbenzene	13.124	105	400773	49.36	ug/l	100
85) sec-Butylbenzene	13.258	105	474864	49.43	ug/l	100
86) p-Isopropyltoluene	13.373	119	432434	49.49	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	203345	49.07	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	200702	48.11	ug/l	100
89) n-Butylbenzene	13.703	91	406642	48.76	ug/l	100
90) Hexachloroethane	13.965	117	57948	49.43	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	179018	48.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14596	43.43	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	113217	46.55	ug/l	100
94) Hexachlorobutadiene	15.117	225	62311	49.07	ug/l	99
95) Naphthalene	15.239	128	244535	46.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	101015	47.08	ug/l	99

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

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