

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004981.D
 Acq On : 04 Jun 2021 21:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 6/7/2021 6:50:34 PM

Quant Time: Jun 05 01:37:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	212944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	376956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	344294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	122153	54.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.520%	
35) Dibromofluoromethane	7.728	113	103033	50.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.185	98	429269	50.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.483	95	143289	49.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	97769	50.561	ug/l	98
3) Chloromethane	2.119	50	143614	54.393	ug/l	100
4) Vinyl Chloride	2.253	62	135174	53.214	ug/l	99
5) Bromomethane	2.655	94	76057	52.830	ug/l	94
6) Chloroethane	2.802	64	82623	54.380	ug/l	96
7) Trichlorofluoromethane	3.131	101	187934	52.308	ug/l	99
8) Diethyl Ether	3.533	74	77351	55.450	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	114115	52.075	ug/l	99
10) Methyl Iodide	4.100	142	117976	56.396	ug/l	98
11) Tert butyl alcohol	4.978	59	60412	233.348	ug/l	98
12) 1,1-Dichloroethene	3.881	96	116099	53.051	ug/l	99
13) Acrolein	3.741	56	63724	274.812	ug/l	99
14) Allyl chloride	4.490	41	224789	56.337	ug/l	99
15) Acrylonitrile	5.173	53	185151	282.253	ug/l	98
16) Acetone	3.960	43	150565	277.836	ug/l	98
17) Carbon Disulfide	4.204	76	348215	51.743	ug/l	99
18) Methyl Acetate	4.484	43	98357	56.637	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	318257	56.495	ug/l	99
20) Methylene Chloride	4.728	84	153560	60.073	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	133667	54.413	ug/l	96
22) Diisopropyl ether	6.130	45	439032	59.938	ug/l	97
23) Vinyl Acetate	6.069	43	1573438	295.246	ug/l	98
24) 1,1-Dichloroethane	6.027	63	254692	57.773	ug/l	99
25) 2-Butanone	6.996	43	264094	289.814	ug/l	98
26) 2,2-Dichloropropane	6.990	77	184921	49.629	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	153736	57.109	ug/l	99
28) Bromochloromethane	7.344	49	108503	55.095	ug/l	94
29) Tetrahydrofuran	7.356	42	166401	287.123	ug/l	97
30) Chloroform	7.514	83	242851	58.094	ug/l	99
31) Cyclohexane	7.789	56	203656	51.383	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	205807	56.124	ug/l	100
36) 1,1-Dichloropropene	7.923	75	187424	50.804	ug/l	100
37) Ethyl Acetate	7.082	43	125344	51.652	ug/l	98
38) Carbon Tetrachloride	7.905	117	167097	52.045	ug/l	99
39) Methylcyclohexane	9.191	83	207294	50.869	ug/l	98
40) Benzene	8.167	78	571425	54.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	65480	49.083	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	164906	54.114	ug/l	100
43) Isopropyl Acetate	8.283	43	233204	53.528	ug/l	99
44) Trichloroethene	8.941	130	147348	53.335	ug/l	97
45) 1,2-Dichloropropane	9.221	63	152281	55.121	ug/l	100
46) Dibromomethane	9.313	93	79627	53.968	ug/l	99
47) Bromodichloromethane	9.502	83	194295	56.090	ug/l	99
48) Methyl methacrylate	9.301	41	106504	53.729	ug/l	99
49) 1,4-Dioxane	9.307	88	17617	988.982	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	622032	272.355	ug/l	99
52) Toluene	10.246	92	346331	54.223	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	203013	52.951	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	235053	53.962	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	110927	54.090	ug/l	99
56) Ethyl methacrylate	10.514	69	165102	56.234	ug/l	98
57) 1,3-Dichloropropane	10.794	76	200670	54.990	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	386084	260.216	ug/l	99
59) 2-Hexanone	10.837	43	421549	273.072	ug/l	99
60) Dibromochloromethane	10.989	129	129641	55.578	ug/l	99
61) 1,2-Dibromoethane	11.093	107	106563	54.179	ug/l	98
64) Tetrachloroethene	10.721	164	149144	51.805	ug/l	95
65) Chlorobenzene	11.520	112	359207	52.657	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	129822	53.384	ug/l	99
67) Ethyl Benzene	11.593	91	665520	52.791	ug/l	100
68) m/p-Xylenes	11.703	106	496879	105.196	ug/l	100
69) o-Xylene	12.032	106	235132	53.457	ug/l	100
70) Styrene	12.044	104	402071	54.865	ug/l	99
71) Bromoform	12.209	173	75311	52.523	ug/l #	100
73) Isopropylbenzene	12.331	105	618063	51.728	ug/l	99
74) N-amyl acetate	12.148	43	206970	53.688	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	125686	52.401	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	87869m	50.677	ug/l	
77) Bromobenzene	12.611	156	138392	51.838	ug/l	97
78) n-propylbenzene	12.672	91	750756	52.127	ug/l	100
79) 2-Chlorotoluene	12.757	91	418414	52.114	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	518721	52.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	46291	49.064	ug/l	99
82) 4-Chlorotoluene	12.855	91	425299	51.838	ug/l	99
83) tert-Butylbenzene	13.074	119	444083	53.259	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	514092	52.479	ug/l	100
85) sec-Butylbenzene	13.251	105	638414	52.592	ug/l	100
86) p-Isopropyltoluene	13.373	119	542475	52.096	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	264499	52.045	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	260227	51.340	ug/l	100
89) n-Butylbenzene	13.696	91	513687	51.289	ug/l	99
90) Hexachloroethane	13.958	117	81330	52.622	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	236388	52.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19871	50.036	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	142769	50.628	ug/l	99
94) Hexachlorobutadiene	15.111	225	77829	52.312	ug/l	99
95) Naphthalene	15.239	128	325880	52.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	129421	52.133	ug/l	100

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

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