

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004275.D
 Acq On : 05 Apr 2021 11:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 4/6/2021 1:55:07 PM

Quant Time: Apr 05 15:18:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	221367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	347987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	302438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	102392	48.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.24%		
35) Dibromofluoromethane	7.728	113	93151	48.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.08%		
50) Toluene-d8	10.185	98	360382	49.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.84%		
62) 4-Bromofluorobenzene	12.483	95	123890	49.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.14%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	97562	50.89	ug/l	98
3) Chloromethane	2.119	50	137930	53.30	ug/l	99
4) Vinyl Chloride	2.259	62	166295	57.66	ug/l	97
5) Bromomethane	2.656	94	71908	45.32	ug/l	98
6) Chloroethane	2.802	64	91036	48.69	ug/l	100
7) Trichlorofluoromethane	3.137	101	193232	51.55	ug/l	96
8) Diethyl Ether	3.540	74	61693	51.29	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.911	101	108760	53.30	ug/l	99
10) Methyl Iodide	4.107	142	121015	51.32	ug/l	100
11) Tert butyl alcohol	4.972	59	47192	272.53	ug/l	97
12) 1,1-Dichloroethene	3.887	96	106452	53.17	ug/l	96
13) Acrolein	3.741	56	31783	225.76	ug/l	97
14) Allyl chloride	4.491	41	196513	61.60	ug/l	95
15) Acrylonitrile	5.180	53	156916	274.11	ug/l	99
16) Acetone	3.960	43	91561	206.52	ug/l	100
17) Carbon Disulfide	4.204	76	309154	58.72	ug/l	99
18) Methyl Acetate	4.491	43	77704	54.76	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	306457	51.81	ug/l	98
20) Methylene Chloride	4.734	84	113705	52.46	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	120217	53.48	ug/l	89
22) Diisopropyl ether	6.131	45	417938	59.65	ug/l	97
23) Vinyl Acetate	6.076	43	1329301	282.04	ug/l	98
24) 1,1-Dichloroethane	6.033	63	218708	57.29	ug/l	100
25) 2-Butanone	6.996	43	184639	249.30	ug/l	97
26) 2,2-Dichloropropane	6.990	77	202499	56.68	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	132485	52.05	ug/l	93
28) Bromochloromethane	7.344	49	85127	54.85	ug/l	91
29) Tetrahydrofuran	7.356	42	141782	271.71	ug/l	93
30) Chloroform	7.514	83	214177	52.73	ug/l	100
31) Cyclohexane	7.795	56	214389	57.01	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	199222	53.61	ug/l	99
36) 1,1-Dichloropropene	7.923	75	175243	55.17	ug/l	98
37) Ethyl Acetate	7.088	43	96009	51.52	ug/l	99
38) Carbon Tetrachloride	7.911	117	161481	58.46	ug/l	98
39) Methylcyclohexane	9.191	83	222307	56.52	ug/l	98
40) Benzene	8.167	78	493801	54.84	ug/l	98

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41) Methacrylonitrile	7.325	41	52855m	51.19	ug/l	
42) 1,2-Dichloroethane	8.246	62	145518	51.42	ug/l	99
43) Isopropyl Acetate	8.277	43	192739	54.63	ug/l	98
44) Trichloroethene	8.947	130	137681	48.02	ug/l	98
45) 1,2-Dichloropropane	9.221	63	127653	57.36	ug/l	98
46) Dibromomethane	9.313	93	65758	50.25	ug/l	96
47) Bromodichloromethane	9.502	83	165683	53.07	ug/l	99
48) Methyl methacrylate	9.301	41	88497	55.22	ug/l	97
49) 1,4-Dioxane	9.307	88	16061	1142.26	ug/l #	85
51) 4-Methyl-2-Pentanone	10.075	43	481600	267.90	ug/l	98
52) Toluene	10.252	92	311827	53.86	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	181147	54.42	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	204805	55.06	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	91295	50.93	ug/l	99
56) Ethyl methacrylate	10.514	69	130305	52.98	ug/l	94
57) 1,3-Dichloropropane	10.794	76	163279	52.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	228362	217.01	ug/l	96
59) 2-Hexanone	10.837	43	314442	254.43	ug/l	97
60) Dibromochloromethane	10.989	129	110241	51.29	ug/l	99
61) 1,2-Dibromoethane	11.093	107	89324	50.49	ug/l	98
64) Tetrachloroethene	10.721	164	133425	44.83	ug/l	98
65) Chlorobenzene	11.520	112	320215	53.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	114035	52.78	ug/l	99
67) Ethyl Benzene	11.599	91	604810	55.22	ug/l	100
68) m/p-Xylenes	11.709	106	452138	107.51	ug/l	97
69) o-Xylene	12.032	106	212431	53.98	ug/l	99
70) Styrene	12.050	104	351742	53.73	ug/l	99
71) Bromoform	12.215	173	62709	50.97	ug/l #	99
73) Isopropylbenzene	12.331	105	586154	56.18	ug/l	98
74) N-amyl acetate	12.148	43	174813	57.33	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	97815	50.65	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	76134m	58.71	ug/l	
77) Bromobenzene	12.611	156	125393	51.33	ug/l	95
78) n-propylbenzene	12.678	91	687400	56.95	ug/l	98
79) 2-Chlorotoluene	12.764	91	369765	55.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	476887	56.03	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	39737	56.48	ug/l #	72
82) 4-Chlorotoluene	12.861	91	391332	56.06	ug/l	97
83) tert-Butylbenzene	13.081	119	409977	55.75	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	470823	55.15	ug/l	99
85) sec-Butylbenzene	13.257	105	573524	56.65	ug/l	99
86) p-Isopropyltoluene	13.373	119	521717	55.39	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	240425	52.76	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	236653	52.57	ug/l	99
89) n-Butylbenzene	13.702	91	498546	57.56	ug/l	99
90) Hexachloroethane	13.965	117	69565	78.37	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	208448	50.96	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15998	44.40	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	145241	49.96	ug/l	100
94) Hexachlorobutadiene	15.117	225	78827	50.98	ug/l	99
95) Naphthalene	15.239	128	296966	48.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	125735	47.33	ug/l	99

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

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