

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006251.D
 Acq On : 01 Oct 2021 09:39
 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
 APPROVED

MMDadoda
 10/4/2021 5:49:13 PM

Quant Time: Oct 02 02:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	157110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79826	47.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.940%
35) Dibromofluoromethane	7.722	113	61081	49.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.179	98	255909	49.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.483	95	86969	49.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.580%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	69003	43.299	ug/l	98
3) Chloromethane	2.119	50	81992	44.172	ug/l	96
4) Vinyl Chloride	2.260	62	99127	48.186	ug/l	99
5) Bromomethane	2.656	94	70154	52.473	ug/l	99
6) Chloroethane	2.802	64	61946	51.177	ug/l	98
7) Trichlorofluoromethane	3.137	101	137043	50.575	ug/l	96
8) Diethyl Ether	3.534	74	42837	47.863	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	69914	48.333	ug/l	97
10) Methyl Iodide	4.101	142	67021	42.514	ug/l	96
11) Tert butyl alcohol	4.966	59	31666	215.280	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	71377	48.507	ug/l	87
13) Acrolein	3.735	56	29408	279.713	ug/l	98
14) Allyl chloride	4.491	41	133727	47.257	ug/l	97
15) Acrylonitrile	5.168	53	111948	237.816	ug/l	98
16) Acetone	3.954	43	127891	272.309	ug/l	98
17) Carbon Disulfide	4.204	76	233671	47.481	ug/l	100
18) Methyl Acetate	4.479	43	71703	45.277	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	209979	48.864	ug/l	97
20) Methylene Chloride	4.729	84	77744	47.860	ug/l	89
21) trans-1,2-Dichloroethene	5.229	96	80993	49.647	ug/l	92
22) Diisopropyl ether	6.125	45	265327	47.394	ug/l	96
23) Vinyl Acetate	6.064	43	783208	233.403	ug/l	96
24) 1,1-Dichloroethane	6.027	63	143612	47.784	ug/l	99
25) 2-Butanone	6.990	43	156734	239.574	ug/l	93
26) 2,2-Dichloropropane	6.990	77	141862	51.616	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	89859	49.182	ug/l	95
28) Bromochloromethane	7.338	49	56662	45.279	ug/l #	90
29) Tetrahydrofuran	7.350	42	92384	223.562	ug/l	93
30) Chloroform	7.515	83	150456	50.184	ug/l	99
31) Cyclohexane	7.789	56	143699	45.107	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	142427	51.450	ug/l	98
36) 1,1-Dichloropropene	7.923	75	117197	51.222	ug/l	98
37) Ethyl Acetate	7.076	43	64383	48.303	ug/l	99
38) Carbon Tetrachloride	7.905	117	129983	53.800	ug/l	100
39) Methylcyclohexane	9.185	83	146357	50.925	ug/l	97
40) Benzene	8.167	78	336488	51.836	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	36368m	42.063	ug/l	
42) 1,2-Dichloroethane	8.240	62	110007	52.596	ug/l	97
43) Isopropyl Acetate	8.277	43	123505	48.311	ug/l	95
44) Trichloroethene	8.941	130	89608	53.448	ug/l	98
45) 1,2-Dichloropropane	9.222	63	78397	49.057	ug/l	100
46) Dibromomethane	9.307	93	43669	51.319	ug/l	95
47) Bromodichloromethane	9.496	83	115501	52.716	ug/l	98
48) Methyl methacrylate	9.295	41	60333	49.193	ug/l	95
49) 1,4-Dioxane	9.295	88	10217	920.274	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	329216	248.013	ug/l	96
52) Toluene	10.246	92	215197	53.447	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	123646	51.758	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	135658	51.655	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	61540	51.397	ug/l	98
56) Ethyl methacrylate	10.514	69	93550	51.403	ug/l	93
57) 1,3-Dichloropropane	10.795	76	109398	50.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	210537	236.104	ug/l	97
59) 2-Hexanone	10.831	43	249152	263.535	ug/l	97
60) Dibromochloromethane	10.984	129	78891	54.232	ug/l	100
61) 1,2-Dibromoethane	11.093	107	57869	51.045	ug/l	100
64) Tetrachloroethene	10.721	164	102531	58.894	ug/l	96
65) Chlorobenzene	11.520	112	222777	52.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	84850	53.756	ug/l	99
67) Ethyl Benzene	11.593	91	426384	52.812	ug/l	99
68) m/p-Xylenes	11.703	106	327630	106.938	ug/l	97
69) o-Xylene	12.032	106	153779	53.145	ug/l	98
70) Styrene	12.044	104	266752	54.285	ug/l	99
71) Bromoform	12.209	173	52751	53.739	ug/l #	98
73) Isopropylbenzene	12.331	105	413598	51.096	ug/l	100
74) N-amyl acetate	12.142	43	118037	46.981	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	65177	44.584	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	47979m	43.683	ug/l	
77) Bromobenzene	12.611	156	97194	51.212	ug/l	93
78) n-propylbenzene	12.672	91	509986	51.183	ug/l	98
79) 2-Chlorotoluene	12.758	91	280349	50.846	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	351209	51.889	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	26801	47.952	ug/l	94
82) 4-Chlorotoluene	12.855	91	290901	51.012	ug/l	99
83) tert-Butylbenzene	13.075	119	311318	53.800	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	346129	51.789	ug/l	98
85) sec-Butylbenzene	13.258	105	456191	52.167	ug/l	99
86) p-Isopropyltoluene	13.367	119	392039	53.126	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	195432	51.974	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	193521	52.196	ug/l	98
89) n-Butylbenzene	13.697	91	363214	51.800	ug/l	99
90) Hexachloroethane	13.965	117	68274	50.946	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	169612	51.585	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12782	45.894	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	111237	51.197	ug/l	100
94) Hexachlorobutadiene	15.111	225	74050	52.242	ug/l	99
95) Naphthalene	15.239	128	208449	48.288	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	96345	50.031	ug/l	98

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

