

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070821\
 Data File : VY005383.D
 Acq On : 08 Jul 2021 13:15
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:44:35 PM

Quant Time: Jul 09 07:11:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 09 06:57:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	299241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	437093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	400281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16386	5.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.180%#
35) Dibromofluoromethane	7.722	113	13130	5.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.120%#
50) Toluene-d8	10.179	98	59921	5.407	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.820%#
62) 4-Bromofluorobenzene	12.483	95	20113	5.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14259	6.525	ug/l	98
3) Chloromethane	2.113	50	15646	5.838	ug/l	99
4) Vinyl Chloride	2.253	62	18425	5.631	ug/l	96
5) Bromomethane	2.650	94	14385	6.253	ug/l	99
6) Chloroethane	2.796	64	11554	5.579	ug/l	95
7) Trichlorofluoromethane	3.125	101	26995	5.913	ug/l	98
8) Diethyl Ether	3.534	74	8615	5.452	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	14819	5.800	ug/l	98
10) Methyl Iodide	4.095	142	12602	4.270	ug/l	98
11) Tert butyl alcohol	4.942	59	24208	51.880	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	14606	5.608	ug/l	89
13) Acrolein	3.735	56	6806	25.877	ug/l	96
14) Allyl chloride	4.479	41	19836	5.138	ug/l	98
15) Acrylonitrile	5.174	53	18954	26.468	ug/l	99
16) Acetone	3.954	43	24114	37.776	ug/l	99
17) Carbon Disulfide	4.198	76	45830	5.875	ug/l	99
18) Methyl Acetate	4.491	43	11338	6.916	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	38293	5.328	ug/l	98
20) Methylene Chloride	4.722	84	40679	8.710	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	16116	5.457	ug/l	93
22) Diisopropyl ether	6.125	45	38915	4.935	ug/l	95
23) Vinyl Acetate	6.070	43	114550	23.183	ug/l	100
24) 1,1-Dichloroethane	6.027	63	25536	5.215	ug/l	95
25) 2-Butanone	6.990	43	25679	28.999	ug/l	100
26) 2,2-Dichloropropane	6.984	77	26704	5.795	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	17600	5.324	ug/l	95
28) Bromochloromethane	7.338	49	10238	5.255	ug/l	98
29) Tetrahydrofuran	7.356	42	15352	26.759	ug/l	99
30) Chloroform	7.509	83	28184	5.426	ug/l	95
31) Cyclohexane	7.789	56	29594	6.246	ug/l #	85
32) 1,1,1-Trichloroethane	7.704	97	25445	5.330	ug/l	98
36) 1,1-Dichloropropene	7.923	75	20640	5.120	ug/l	98
37) Ethyl Acetate	7.082	43	11616	5.812	ug/l	97
38) Carbon Tetrachloride	7.905	117	24664	5.464	ug/l	92
39) Methylcyclohexane	9.185	83	27219	5.295	ug/l	96
40) Benzene	8.167	78	64771	5.440	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5023m	4.910	ug/l	
42) 1,2-Dichloroethane	8.240	62	18840	5.515	ug/l	99
43) Isopropyl Acetate	8.277	43	19180	5.223	ug/l	98
44) Trichloroethene	8.941	130	18393	5.521	ug/l	100
45) 1,2-Dichloropropane	9.216	63	14554	5.196	ug/l	96
46) Dibromomethane	9.307	93	8125	5.189	ug/l	97
47) Bromodichloromethane	9.502	83	20828	5.275	ug/l	97
48) Methyl methacrylate	9.295	41	8237	4.854	ug/l	94
49) 1,4-Dioxane	9.295	88	2175	93.285	ug/l #	81
51) 4-Methyl-2-Pentanone	10.075	43	53275	26.435	ug/l	98
52) Toluene	10.246	92	39658	5.137	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	22505	5.202	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	25481	5.283	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	12315	5.206	ug/l	94
56) Ethyl methacrylate	10.514	69	15114	4.688	ug/l	98
57) 1,3-Dichloropropane	10.795	76	21035	5.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	36953	25.034	ug/l	97
59) 2-Hexanone	10.837	43	37228	26.619	ug/l	98
60) Dibromochloromethane	10.990	129	15194	5.201	ug/l	100
61) 1,2-Dibromoethane	11.087	107	12099	5.435	ug/l	100
64) Tetrachloroethene	10.721	164	17268	5.764	ug/l	98
65) Chlorobenzene	11.520	112	46062	5.496	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	15562	4.993	ug/l	99
67) Ethyl Benzene	11.593	91	77573	5.247	ug/l	98
68) m/p-Xylenes	11.703	106	59077	10.076	ug/l	97
69) o-Xylene	12.032	106	28897	5.185	ug/l	98
70) Styrene	12.044	104	48287	5.073	ug/l	100
71) Bromoform	12.209	173	10537	5.408	ug/l #	99
73) Isopropylbenzene	12.331	105	75757	5.216	ug/l	99
74) N-amyl acetate	12.148	43	16824	4.934	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	14592	5.447	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	11491m	6.191	ug/l	
77) Bromobenzene	12.611	156	18322	5.135	ug/l	98
78) n-propylbenzene	12.672	91	86337	4.989	ug/l	99
79) 2-Chlorotoluene	12.758	91	49561	5.132	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	63927	5.252	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	5499	5.464	ug/l	99
82) 4-Chlorotoluene	12.855	91	50533	5.045	ug/l	99
83) tert-Butylbenzene	13.081	119	53315	4.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	62536	5.161	ug/l	99
85) sec-Butylbenzene	13.258	105	77294	4.874	ug/l	100
86) p-Isopropyltoluene	13.373	119	66972	4.882	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	38526	5.411	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	39100	5.546	ug/l	94
89) n-Butylbenzene	13.696	91	60399	4.911	ug/l	99
90) Hexachloroethane	13.965	117	11886	4.835	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	33348	5.293	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2731	5.789	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	21587	5.156	ug/l	99
94) Hexachlorobutadiene	15.117	225	13595	5.081	ug/l	97
95) Naphthalene	15.239	128	39988	5.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	19071	5.248	ug/l	99

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

