

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005567.D
 Acq On : 06 Aug 2021 12:38
 Operator : SY/MD
 Sample : VY0806SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0806SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2021 6:27:35 PM

Quant Time: Aug 07 06:17:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	315810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	460620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	416484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	219990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	158175	49.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.96%		
35) Dibromofluoromethane	7.728	113	128720	49.91	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.82%		
50) Toluene-d8	10.185	98	531696	49.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.32%		
62) 4-Bromofluorobenzene	12.483	95	179732	50.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.36%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56366	21.73	ug/l	100
3) Chloromethane	2.119	50	60120	19.40	ug/l	100
4) Vinyl Chloride	2.260	62	72729	19.60	ug/l	100
5) Bromomethane	2.644	94	48130	19.70	ug/l	96
6) Chloroethane	2.796	64	45433	20.28	ug/l	99
7) Trichlorofluoromethane	3.131	101	101701	20.47	ug/l	100
8) Diethyl Ether	3.540	74	35180	20.27	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	58156	21.58	ug/l	97
10) Methyl Iodide	4.101	142	68335	20.35	ug/l	97
11) Tert butyl alcohol	4.966	59	37306	118.05	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	57079	20.97	ug/l	98
13) Acrolein	3.735	56	17776	93.23	ug/l	97
14) Allyl chloride	4.491	41	99483	20.87	ug/l	99
15) Acrylonitrile	5.174	53	92406	103.90	ug/l	100
16) Acetone	3.954	43	85022	105.49	ug/l	97
17) Carbon Disulfide	4.204	76	175775	20.95	ug/l	99
18) Methyl Acetate	4.485	43	42250	20.04	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	175739	20.84	ug/l	98
20) Methylene Chloride	4.722	84	95390	27.08	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	62514	20.54	ug/l	96
22) Diisopropyl ether	6.131	45	207875	21.14	ug/l	100
23) Vinyl Acetate	6.070	43	685403	104.73	ug/l	99
24) 1,1-Dichloroethane	6.027	63	113437	20.81	ug/l	99
25) 2-Butanone	6.996	43	123592	103.74	ug/l	98
26) 2,2-Dichloropropane	6.996	77	103489	20.78	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	71402	20.63	ug/l	99
28) Bromochloromethane	7.344	49	51740	23.79	ug/l	96
29) Tetrahydrofuran	7.356	42	80837	102.58	ug/l	99
30) Chloroform	7.515	83	112804	20.28	ug/l	94
31) Cyclohexane	7.795	56	114058	20.80	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	104091	20.36	ug/l	99
36) 1,1-Dichloropropene	7.923	75	90976	21.06	ug/l	99
37) Ethyl Acetate	7.082	43	55888	21.35	ug/l	99
38) Carbon Tetrachloride	7.905	117	95969	20.44	ug/l	98
39) Methylcyclohexane	9.185	83	115149	20.95	ug/l	98
40) Benzene	8.167	78	253024	20.45	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	29674	20.90	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	81622	20.34	ug/l	99
43) Isopropyl Acetate	8.283	43	103730	20.93	ug/l	99
44) Trichloroethene	8.947	130	67780	20.07	ug/l	94
45) 1,2-Dichloropropane	9.222	63	64539	20.85	ug/l	100
46) Dibromomethane	9.307	93	35255	20.60	ug/l	98
47) Bromodichloromethane	9.502	83	88096	20.57	ug/l	98
48) Methyl methacrylate	9.301	41	46092	20.58	ug/l	97
49) 1,4-Dioxane	9.301	88	9879	415.35	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	274149	105.06	ug/l	99
52) Toluene	10.246	92	159851	20.26	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	98402	20.56	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	107048	20.61	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	51486	20.79	ug/l	98
56) Ethyl methacrylate	10.514	69	76565	20.65	ug/l	99
57) 1,3-Dichloropropane	10.795	76	90241	20.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	181063	102.20	ug/l	98
59) 2-Hexanone	10.837	43	192477	104.36	ug/l	98
60) Dibromochloromethane	10.990	129	61414	20.04	ug/l	99
61) 1,2-Dibromoethane	11.093	107	48905	20.85	ug/l	99
64) Tetrachloroethene	10.721	164	65931	20.80	ug/l	98
65) Chlorobenzene	11.520	112	169830	20.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	63458	20.12	ug/l	99
67) Ethyl Benzene	11.593	91	308785	20.32	ug/l	100
68) m/p-Xylenes	11.703	106	241524	40.92	ug/l	100
69) o-Xylene	12.032	106	113707	20.04	ug/l	99
70) Styrene	12.044	104	193721	20.29	ug/l	99
71) Bromoform	12.209	173	42207	20.63	ug/l #	100
73) Isopropylbenzene	12.331	105	302885	19.72	ug/l	99
74) N-amyl acetate	12.148	43	95240	20.60	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	60044	20.33	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41636m	18.26	ug/l	
77) Bromobenzene	12.611	156	74293	19.69	ug/l	97
78) n-propylbenzene	12.672	91	368102	20.18	ug/l	100
79) 2-Chlorotoluene	12.758	91	205587	20.07	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	256026	20.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22888	20.24	ug/l	97
82) 4-Chlorotoluene	12.855	91	210830	19.90	ug/l	100
83) tert-Butylbenzene	13.075	119	222719	19.48	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	253202	20.14	ug/l	100
85) sec-Butylbenzene	13.251	105	333777	20.24	ug/l	100
86) p-Isopropyltoluene	13.373	119	282782	19.97	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	144528	19.63	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	142572	19.52	ug/l	97
89) n-Butylbenzene	13.696	91	261563	20.39	ug/l	99
90) Hexachloroethane	13.959	117	51252	20.13	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	128655	19.79	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11241	20.08	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	91415	20.47	ug/l	98
94) Hexachlorobutadiene	15.111	225	58010	20.06	ug/l	99
95) Naphthalene	15.239	128	176701	20.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	80343	20.30	ug/l	99

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

