

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005116.D
 Acq On : 11 Jun 2021 12:00
 Operator : SY/MD
 Sample : VY0611SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 2:06:20 PM

Quant Time: Jun 12 00:35:15 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	7.795	168	193815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	289011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102852	50.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.400%	
35) Dibromofluoromethane	7.728	113	89864	53.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.740%	
50) Toluene-d8	10.185	98	355217	50.797	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.483	95	120779	50.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	42943	24.400	ug/l	96
3) Chloromethane	2.119	50	50589	21.051	ug/l	98
4) Vinyl Chloride	2.259	62	47300	20.459	ug/l	97
5) Bromomethane	2.650	94	25093	19.150	ug/l	94
6) Chloroethane	2.796	64	26824	19.397	ug/l	97
7) Trichlorofluoromethane	3.131	101	75376	23.050	ug/l	99
8) Diethyl Ether	3.540	74	26829	21.131	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.906	101	43492	21.806	ug/l	98
10) Methyl Iodide	4.101	142	47106	24.741	ug/l	97
11) Tert butyl alcohol	4.972	59	22188	94.162	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	43012	21.594	ug/l	94
13) Acrolein	3.741	56	22612	86.712	ug/l	98
14) Allyl chloride	4.485	41	66748	18.380	ug/l	95
15) Acrylonitrile	5.180	53	61267	102.617	ug/l	99
16) Acetone	3.960	43	51206	103.816	ug/l	99
17) Carbon Disulfide	4.204	76	124653	20.351	ug/l	99
18) Methyl Acetate	4.491	43	31294	19.799	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	107408	20.948	ug/l	98
20) Methylene Chloride	4.729	84	63443	23.595	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	47365	21.184	ug/l	87
22) Diisopropyl ether	6.131	45	125909	18.886	ug/l	97
23) Vinyl Acetate	6.076	43	457264	94.271	ug/l	97
24) 1,1-Dichloroethane	6.021	63	79664	19.854	ug/l	99
25) 2-Butanone	7.003	43	79690	96.082	ug/l	99
26) 2,2-Dichloropropane	6.996	77	71110	20.968	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	51267	20.924	ug/l	95
28) Bromochloromethane	7.344	49	33087	18.459	ug/l	86
29) Tetrahydrofuran	7.356	42	50796	96.299	ug/l	95
30) Chloroform	7.515	83	82781	21.757	ug/l	100
31) Cyclohexane	7.789	56	66766	18.508	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	75017	22.476	ug/l	99
36) 1,1-Dichloropropene	7.929	75	62864	20.525	ug/l	98
37) Ethyl Acetate	7.088	43	37412	18.569	ug/l	97
38) Carbon Tetrachloride	7.911	117	60617	22.741	ug/l	98
39) Methylcyclohexane	9.185	83	70101	20.720	ug/l	93
40) Benzene	8.167	78	185041	21.115	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22086m	19.941	ug/l	
42) 1,2-Dichloroethane	8.246	62	55482	21.930	ug/l	99
43) Isopropyl Acetate	8.283	43	67182	18.574	ug/l #	94
44) Trichloroethene	8.947	130	51800	22.584	ug/l	99
45) 1,2-Dichloropropane	9.222	63	44819	19.541	ug/l	99
46) Dibromomethane	9.313	93	26162	21.358	ug/l	95
47) Bromodichloromethane	9.502	83	63719	22.156	ug/l	98
48) Methyl methacrylate	9.301	41	30167	18.331	ug/l	91
49) 1,4-Dioxane	9.307	88	6094	412.064	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	177363	93.539	ug/l	96
52) Toluene	10.246	92	114890	21.666	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	67214	21.116	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	76544	21.166	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	37389	21.960	ug/l	98
56) Ethyl methacrylate	10.514	69	51146	20.983	ug/l	92
57) 1,3-Dichloropropane	10.794	76	64190	21.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	126692	102.851	ug/l	95
59) 2-Hexanone	10.837	43	122097	95.266	ug/l	96
60) Dibromochloromethane	10.990	129	45310	23.397	ug/l	98
61) 1,2-Dibromoethane	11.093	107	36403	22.293	ug/l	99
64) Tetrachloroethene	10.721	164	53423	22.106	ug/l	97
65) Chlorobenzene	11.520	112	123272	21.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	44529	21.813	ug/l	96
67) Ethyl Benzene	11.593	91	220260	20.814	ug/l	99
68) m/p-Xylenes	11.703	106	168422	42.478	ug/l	99
69) o-Xylene	12.032	106	79382	21.500	ug/l	98
70) Styrene	12.050	104	135529	22.031	ug/l	98
71) Bromoform	12.215	173	27417	22.779	ug/l #	99
73) Isopropylbenzene	12.331	105	216390	20.294	ug/l	100
74) N-amyl acetate	12.148	43	58402	16.976	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	41733	19.497	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	30780m	19.893	ug/l	
77) Bromobenzene	12.611	156	50269	21.100	ug/l	92
78) n-propylbenzene	12.672	91	258107	20.082	ug/l	97
79) 2-Chlorotoluene	12.758	91	144238	20.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	183377	20.847	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15758	18.716	ug/l	96
82) 4-Chlorotoluene	12.855	91	148056	20.222	ug/l	96
83) tert-Butylbenzene	13.081	119	155403	20.885	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	183242	20.961	ug/l	99
85) sec-Butylbenzene	13.257	105	223133	20.598	ug/l	99
86) p-Isopropyltoluene	13.373	119	198884	21.403	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	98421	21.702	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98499	21.776	ug/l	100
89) n-Butylbenzene	13.696	91	184179	20.607	ug/l	98
90) Hexachloroethane	13.965	117	28887	20.944	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	87579	21.856	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7652	21.591	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	57224	22.740	ug/l	99
94) Hexachlorobutadiene	15.117	225	31723	23.893	ug/l	99
95) Naphthalene	15.239	128	128429	23.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	52836	23.850	ug/l	98

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

