

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004035.D
 Acq On : 22 Feb 2021 14:36
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022221

Manual Integrations
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 2/23/2021 1:06:43 PM

Quant Time: Feb 23 03:43:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 03:42:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	81628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	124489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	46883	51.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.94%			
35) Dibromofluoromethane	7.722	113	38349	51.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.20%			
50) Toluene-d8	10.179	98	152721	50.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.50%			
62) 4-Bromofluorobenzene	12.477	95	54562	51.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.64%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33438	43.16	ug/l	97
3) Chloromethane	2.113	50	51862	44.82	ug/l	98
4) Vinyl Chloride	2.253	62	53198	47.40	ug/l	97
5) Bromomethane	2.650	94	34332	45.63	ug/l	98
6) Chloroethane	2.796	64	31435	46.38	ug/l	98
7) Trichlorofluoromethane	3.131	101	66329	47.26	ug/l	99
8) Diethyl Ether	3.534	74	21926	48.82	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	37422	49.86	ug/l	98
10) Methyl Iodide	4.094	142	49100	52.08	ug/l	99
11) Tert butyl alcohol	4.960	59	19368	210.65	ug/l	96
12) 1,1-Dichloroethene	3.875	96	37161	49.31	ug/l	96
13) Acrolein	3.729	56	23630	260.83	ug/l	97
14) Allyl chloride	4.485	41	72850	51.00	ug/l	100
15) Acrylonitrile	5.167	53	59944	253.20	ug/l	100
16) Acetone	3.948	43	50689	220.19	ug/l	95
17) Carbon Disulfide	4.198	76	123687	50.80	ug/l	98
18) Methyl Acetate	4.478	43	28112	51.97	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	112166	50.70	ug/l	97
20) Methylene Chloride	4.722	84	44674	48.01	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	42955	50.70	ug/l	96
22) Diisopropyl ether	6.118	45	143970	51.28	ug/l	95
23) Vinyl Acetate	6.064	43	486359	255.81	ug/l	100
24) 1,1-Dichloroethane	6.021	63	76590	51.00	ug/l	99
25) 2-Butanone	6.990	43	80463	245.29	ug/l	100
26) 2,2-Dichloropropane	6.984	77	68219	49.13	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	47549	51.10	ug/l	100
28) Bromochloromethane	7.338	49	34890	52.58	ug/l	98
29) Tetrahydrofuran	7.350	42	53068	250.65	ug/l	98
30) Chloroform	7.508	83	77119	50.63	ug/l	98
31) Cyclohexane	7.783	56	73499	48.08	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	69103	49.39	ug/l	99
36) 1,1-Dichloropropene	7.917	75	60284	48.36	ug/l	99
37) Ethyl Acetate	7.076	43	36349	49.32	ug/l	99
38) Carbon Tetrachloride	7.899	117	63067	49.00	ug/l	99
39) Methylcyclohexane	9.185	83	74753	49.63	ug/l	98
40) Benzene	8.161	78	171678	49.59	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21087m	54.14	ug/l	
42) 1,2-Dichloroethane	8.240	62	54889	48.26	ug/l	99
43) Isopropyl Acetate	8.277	43	69424	49.99	ug/l	100
44) Trichloroethene	8.941	130	46997	49.14	ug/l	97
45) 1,2-Dichloropropane	9.215	63	44104	51.97	ug/l	99
46) Dibromomethane	9.307	93	24014	50.60	ug/l	98
47) Bromodichloromethane	9.496	83	60782	50.08	ug/l	99
48) Methyl methacrylate	9.289	41	33588	49.45	ug/l	99
49) 1,4-Dioxane	9.295	88	5578	974.86	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	180684	251.88	ug/l	100
52) Toluene	10.240	92	107973	49.87	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	66025	50.57	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	72713	49.76	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	33850	50.33	ug/l	99
56) Ethyl methacrylate	10.508	69	49339	51.37	ug/l	99
57) 1,3-Dichloropropane	10.788	76	59860	50.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	98833	226.88	ug/l	99
59) 2-Hexanone	10.831	43	126135	249.48	ug/l	98
60) Dibromochloromethane	10.983	129	42359	49.91	ug/l	99
61) 1,2-Dibromoethane	11.087	107	33130	50.24	ug/l	97
64) Tetrachloroethene	10.721	164	50869	48.33	ug/l	97
65) Chlorobenzene	11.514	112	113502	49.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43698	49.73	ug/l	99
67) Ethyl Benzene	11.593	91	212278	49.20	ug/l	99
68) m/p-Xylenes	11.703	106	157153	98.74	ug/l	99
69) o-Xylene	12.026	106	74381	49.74	ug/l	99
70) Styrene	12.044	104	129178	50.29	ug/l	99
71) Bromoform	12.209	173	28307	50.37	ug/l #	99
73) Isopropylbenzene	12.325	105	204814	48.91	ug/l	100
74) N-amyl acetate	12.142	43	64759	51.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	37451	49.12	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	29462m	49.76	ug/l	
77) Bromobenzene	12.605	156	50777	49.26	ug/l	99
78) n-propylbenzene	12.672	91	246870	49.23	ug/l	100
79) 2-Chlorotoluene	12.751	91	138149	48.57	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	175373	49.09	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	15668	49.13	ug/l	99
82) 4-Chlorotoluene	12.855	91	146720	49.16	ug/l	100
83) tert-Butylbenzene	13.075	119	149801	48.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	176685	49.37	ug/l	99
85) sec-Butylbenzene	13.251	105	207095	49.42	ug/l	100
86) p-Isopropyltoluene	13.367	119	193787	49.66	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	96680	49.24	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	95716	49.08	ug/l	99
89) n-Butylbenzene	13.696	91	180934	49.93	ug/l	100
90) Hexachloroethane	13.958	117	35357	50.81	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	85848	49.43	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6928	47.45	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	59538	47.72	ug/l	99
94) Hexachlorobutadiene	15.111	225	37171	47.18	ug/l	98
95) Naphthalene	15.233	128	108812	47.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51759	48.64	ug/l	99

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

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