

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004224.D
 Acq On : 30 Mar 2021 10:58
 Operator : SY/MD
 Sample : VY0330SBS01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

Manual Integrations
 APPROVED

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 3/31/2021 4:20:27 PM

Quant Time: Mar 31 01:42:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	205113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	275910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80918	41.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.08%
35) Dibromofluoromethane	7.728	113	76794	43.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.22%
50) Toluene-d8	10.185	98	287845	43.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.92%
62) 4-Bromofluorobenzene	12.483	95	95867	42.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.46%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	35955	20.24	ug/l	100
3) Chloromethane	2.125	50	44606	18.60	ug/l	97
4) Vinyl Chloride	2.259	62	51112	19.13	ug/l	99
5) Bromomethane	2.656	94	26740	18.19	ug/l	98
6) Chloroethane	2.802	64	32480	18.75	ug/l	99
7) Trichlorofluoromethane	3.131	101	68601	19.75	ug/l	97
8) Diethyl Ether	3.533	74	21027	18.87	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	36829	19.48	ug/l	98
10) Methyl Iodide	4.107	142	40619	18.59	ug/l	99
11) Tert butyl alcohol	4.978	59	12765	79.56	ug/l	94
12) 1,1-Dichloroethene	3.881	96	36186	19.50	ug/l	96
13) Acrolein	3.741	56	16804	117.65	ug/l	98
14) Allyl chloride	4.491	41	57092	19.31	ug/l	98
15) Acrylonitrile	5.180	53	47696	89.92	ug/l	99
16) Acetone	3.960	43	34634	84.31	ug/l	98
17) Carbon Disulfide	4.204	76	94044	19.28	ug/l	100
18) Methyl Acetate	4.491	43	22059	16.78	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	102190	18.65	ug/l	94
20) Methylene Chloride	4.734	84	41319	18.96	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	39354	18.89	ug/l	95
22) Diisopropyl ether	6.131	45	126494	19.48	ug/l	97
23) Vinyl Acetate	6.070	43	402083	92.07	ug/l	99
24) 1,1-Dichloroethane	6.033	63	69543	19.66	ug/l	99
25) 2-Butanone	7.002	43	56677	82.59	ug/l	97
26) 2,2-Dichloropropane	6.990	77	67191	20.30	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	46208	19.59	ug/l	99
28) Bromochloromethane	7.344	49	32883	22.87	ug/l	99
29) Tetrahydrofuran	7.356	42	41573	85.98	ug/l	97
30) Chloroform	7.521	83	73328	19.48	ug/l	97
31) Cyclohexane	7.795	56	67599	19.40	ug/l #	97
32) 1,1,1-Trichloroethane	7.710	97	67302	19.55	ug/l	99
36) 1,1-Dichloropropene	7.923	75	55967	19.40	ug/l	99
37) Ethyl Acetate	7.088	43	29579	17.47	ug/l	99
38) Carbon Tetrachloride	7.911	117	50648	20.19	ug/l	100
39) Methylcyclohexane	9.185	83	70301	19.68	ug/l	98
40) Benzene	8.167	78	158944	19.43	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	18745m	19.99	ug/l	
42) 1,2-Dichloroethane	8.246	62	49424	19.23	ug/l	99
43) Isopropyl Acetate	8.283	43	56523	17.64	ug/l	97
44) Trichloroethene	8.947	130	51125	19.63	ug/l	99
45) 1,2-Dichloropropane	9.221	63	39018	19.30	ug/l	93
46) Dibromomethane	9.313	93	22123	18.61	ug/l	98
47) Bromodichloromethane	9.502	83	54657	19.28	ug/l	96
48) Methyl methacrylate	9.301	41	25564	17.56	ug/l	96
49) 1,4-Dioxane	9.307	88	5256	249.58	ug/l #	71
51) 4-Methyl-2-Pentanone	10.075	43	142595	87.33	ug/l	99
52) Toluene	10.252	92	101742	19.35	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	57563	19.04	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	66295	19.62	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	30367	18.65	ug/l	97
56) Ethyl methacrylate	10.514	69	40028	17.92	ug/l	97
57) 1,3-Dichloropropane	10.794	76	53328	18.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	100611	105.27	ug/l	100
59) 2-Hexanone	10.837	43	91945	81.91	ug/l	100
60) Dibromochloromethane	10.989	129	36909	18.91	ug/l	98
61) 1,2-Dibromoethane	11.093	107	30069	18.71	ug/l	96
64) Tetrachloroethene	10.721	164	53216	19.60	ug/l	99
65) Chlorobenzene	11.520	112	107985	19.62	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	38553	19.56	ug/l	99
67) Ethyl Benzene	11.599	91	199102	19.93	ug/l	98
68) m/p-Xylenes	11.709	106	151110	39.38	ug/l	99
69) o-Xylene	12.032	106	70965	19.77	ug/l	98
70) Styrene	12.050	104	112980	18.92	ug/l	98
71) Bromoform	12.215	173	20984	18.70	ug/l #	96
73) Isopropylbenzene	12.337	105	193745	20.65	ug/l	99
74) N-amyl acetate	12.148	43	49068	17.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	31958	18.40	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	23840m	20.44	ug/l	
77) Bromobenzene	12.611	156	43107	19.62	ug/l	99
78) n-propylbenzene	12.672	91	223560	20.59	ug/l	100
79) 2-Chlorotoluene	12.757	91	121667	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	157031	20.51	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	11628	18.37	ug/l	98
82) 4-Chlorotoluene	12.855	91	126936	20.22	ug/l	100
83) tert-Butylbenzene	13.081	119	138405	20.92	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	154874	20.17	ug/l	100
85) sec-Butylbenzene	13.257	105	187759	20.62	ug/l	99
86) p-Isopropyltoluene	13.373	119	170669	20.15	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	81597	19.91	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	81187	20.05	ug/l	97
89) n-Butylbenzene	13.696	91	160934	20.66	ug/l	100
90) Hexachloroethane	13.965	117	12224	21.17	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	73363	19.94	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5475	16.89	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	51309	19.62	ug/l	99
94) Hexachlorobutadiene	15.117	225	27639	19.87	ug/l	99
95) Naphthalene	15.239	128	101043	18.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43950	18.39	ug/l	99

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

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