

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003467.D
 Acq On : 02 Nov 2020 12:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

Quant Time: Nov 03 02:03:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	368191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	334371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	129506	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
35) Dibromofluoromethane	7.73	113	111435	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
50) Toluene-d8	10.18	98	461147	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.48	95	150804	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	111088	53.842	ug/l	99
3) Chloromethane	2.12	50	145249	53.476	ug/l	96
4) Vinyl Chloride	2.26	62	166139	54.491	ug/l	99
5) Bromomethane	2.66	94	119882	47.062	ug/l	98
6) Chloroethane	2.80	64	95621	52.619	ug/l	100
7) Trichlorofluoromethane	3.14	101	197409	51.010	ug/l	98
8) Diethyl Ether	3.54	74	61807	52.080	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	111425	52.093	ug/l	99
10) Methyl Iodide	4.10	142	110210	50.181	ug/l	99
11) Tert butyl alcohol	4.97	59	62697	234.790	ug/l	100
12) 1,1-Dichloroethene	3.88	96	110119	51.744	ug/l	99
13) Acrolein	3.74	56	45313	204.243	ug/l	99
14) Allyl chloride	4.49	41	200539	51.650	ug/l	100
15) Acrylonitrile	5.18	53	159363	251.565	ug/l	99
16) Acetone	3.96	43	216462	245.453	ug/l	100
17) Carbon Disulfide	4.21	76	354890	51.475	ug/l	99
18) Methyl Acetate	4.49	43	81640	48.987	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	272279	51.655	ug/l	99
20) Methylene Chloride	4.73	84	123891	49.883	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	127564	51.766	ug/l	97
22) Diisopropyl ether	6.13	45	354552	52.063	ug/l	99
23) Vinyl Acetate	6.08	43	1334228	260.718	ug/l	100
24) 1,1-Dichloroethane	6.04	63	225252	52.051	ug/l	100
25) 2-Butanone	7.00	43	275040	249.359	ug/l	98
26) 2,2-Dichloropropane	7.00	77	210805	52.288	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	138829	51.991	ug/l	99
28) Bromochloromethane	7.35	49	106633	48.980	ug/l	99
29) Tetrahydrofuran	7.36	42	142286	246.875	ug/l	99
30) Chloroform	7.52	83	219143	51.557	ug/l	99
31) Cyclohexane	7.80	56	197616	49.319	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	206726	52.134	ug/l	100
36) 1,1-Dichloropropene	7.93	75	183314	52.806	ug/l	99
37) Ethyl Acetate	7.09	43	109862	50.965	ug/l	99
38) Carbon Tetrachloride	7.91	117	188386	52.310	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	203065	52.534	ug/l	100
40) Benzene	8.17	78	502329	51.997	ug/l	99
41) Methacrylonitrile	7.33	41	57094m	49.599	ug/l	
42) 1,2-Dichloroethane	8.25	62	153170	50.600	ug/l	99
43) Isopropyl Acetate	8.28	43	199282	51.440	ug/l	99
44) Trichloroethene	8.95	130	139718	51.517	ug/l	100
45) 1,2-Dichloropropane	9.22	63	128604	52.713	ug/l	99
46) Dibromomethane	9.31	93	68766	51.233	ug/l	99
47) Bromodichloromethane	9.50	83	172332	52.457	ug/l	99
48) Methyl methacrylate	9.30	41	93468	51.218	ug/l	97
49) 1,4-Dioxane	9.31	88	16726	998.714	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	529933	256.740	ug/l	99
52) Toluene	10.25	92	317041	52.469	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	183327	52.437	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	209779	53.323	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	96145	50.461	ug/l	99
56) Ethyl methacrylate	10.51	69	135355	53.037	ug/l	99
57) 1,3-Dichloropropane	10.79	76	170970	51.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	305894	236.439	ug/l	99
59) 2-Hexanone	10.83	43	393762	257.653	ug/l	99
60) Dibromochloromethane	10.99	129	120656	51.523	ug/l	100
61) 1,2-Dibromoethane	11.09	107	93031	50.575	ug/l	100
64) Tetrachloroethene	10.72	164	127311	50.983	ug/l	98
65) Chlorobenzene	11.52	112	337128	51.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	127249	51.942	ug/l	99
67) Ethyl Benzene	11.60	91	619943	52.631	ug/l	98
68) m/p-Xylenes	11.70	106	464145	103.981	ug/l	99
69) o-Xylene	12.03	106	214590	52.261	ug/l	97
70) Styrene	12.05	104	368937	52.918	ug/l	99
71) Bromoform	12.21	173	82745	50.673	ug/l	98
73) Isopropylbenzene	12.33	105	595827	53.236	ug/l	100
74) N-amyl acetate	12.14	43	166633	52.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	122037	51.048	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	90044m	49.670	ug/l	
77) Bromobenzene	12.61	156	147734	51.953	ug/l	98
78) n-propylbenzene	12.67	91	698608	52.993	ug/l	100
79) 2-Chlorotoluene	12.75	91	387000	52.543	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	497041	53.600	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	44537	51.277	ug/l	99
82) 4-Chlorotoluene	12.86	91	408163	53.030	ug/l	100
83) tert-Butylbenzene	13.08	119	434942	52.885	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	495059	53.416	ug/l	100
85) sec-Butylbenzene	13.25	105	596576	53.572	ug/l	99
86) p-Isopropyltoluene	13.37	119	548247	53.085	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	275428	51.994	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	269867	51.232	ug/l	99
89) n-Butylbenzene	13.70	91	509120	53.972	ug/l	100
90) Hexachloroethane	13.96	117	91288	52.521	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	241015	51.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22155	51.195	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	175423	52.701	ug/l	99
94) Hexachlorobutadiene	15.11	225	111112	51.890	ug/l	99
95) Naphthalene	15.23	128	348526	52.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	152996	51.097	ug/l	98

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

