

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003461.D
 Acq On : 02 Nov 2020 09:49
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 02 12:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	321641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	145289	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	11886	5.24	ug/l	0.00
Spiked Amount			Recovery	=	10.48%	
35) Dibromofluoromethane	7.73	113	9666	5.03	ug/l	0.00
Spiked Amount			Recovery	=	10.06%	
50) Toluene-d8	10.18	98	39591	4.92	ug/l	0.00
Spiked Amount			Recovery	=	9.84%	
62) 4-Bromofluorobenzene	12.48	95	13565	4.92	ug/l	0.00
Spiked Amount			Recovery	=	9.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	9520	5.415	ug/l	99
3) Chloromethane	2.12	50	12645	5.196	ug/l	99
4) Vinyl Chloride	2.26	62	14032	5.282	ug/l	98
5) Bromomethane	2.66	94	12796	5.085	ug/l	93
6) Chloroethane	2.80	64	8121	5.021	ug/l	98
7) Trichlorofluoromethane	3.14	101	18296	5.554	ug/l	99
8) Diethyl Ether	3.54	74	5108	4.723	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	9607	5.235	ug/l	100
10) Methyl Iodide	4.10	142	5298	4.905	ug/l	99
11) Tert butyl alcohol	4.97	59	7925	35.936	ug/l #	84
12) 1,1-Dichloroethene	3.89	96	9408	5.201	ug/l	91
13) Acrolein	3.75	56	5312	25.817	ug/l	97
14) Allyl chloride	4.49	41	17031	5.267	ug/l	99
15) Acrylonitrile	5.19	53	13394	25.574	ug/l	99
16) Acetone	3.97	43	18093	30.325	ug/l	96
17) Carbon Disulfide	4.21	76	31010	5.260	ug/l	98
18) Methyl Acetate	4.49	43	7645	5.667	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	23342	4.950	ug/l	99
20) Methylene Chloride	4.74	84	12770	5.275	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	11161	5.274	ug/l	92
22) Diisopropyl ether	6.13	45	29972	5.004	ug/l	95
23) Vinyl Acetate	6.08	43	103865	23.565	ug/l	99
24) 1,1-Dichloroethane	6.03	63	19332	5.180	ug/l	97
25) 2-Butanone	7.00	43	22137	26.710	ug/l	99
26) 2,2-Dichloropropane	7.00	77	18269	5.426	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	11763	5.012	ug/l	95
28) Bromochloromethane	7.35	49	9224	5.042	ug/l	98
29) Tetrahydrofuran	7.36	42	11935	25.283	ug/l	96
30) Chloroform	7.52	83	18943	5.033	ug/l	97
31) Cyclohexane	7.79	56	20524	6.137	ug/l #	84
32) 1,1,1-Trichloroethane	7.71	97	17184	4.965	ug/l	98
36) 1,1-Dichloropropene	7.93	75	15763	5.209	ug/l	97
37) Ethyl Acetate	7.08	43	9316	5.209	ug/l	99
38) Carbon Tetrachloride	7.91	117	15794	4.992	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	16976	5.090	ug/l	96
40) Benzene	8.17	78	42574	4.981	ug/l	100
41) Methacrylonitrile	7.33	41	5805m	6.381	ug/l	
42) 1,2-Dichloroethane	8.25	62	13771	5.077	ug/l	98
43) Isopropyl Acetate	8.28	43	16472	4.943	ug/l	100
44) Trichloroethene	8.94	130	12078	4.829	ug/l	98
45) 1,2-Dichloropropane	9.22	63	10930	5.031	ug/l	98
46) Dibromomethane	9.31	93	5926	4.833	ug/l	99
47) Bromodichloromethane	9.50	83	13950	4.637	ug/l	99
48) Methyl methacrylate	9.30	41	7213	4.573	ug/l	94
49) 1,4-Dioxane	9.31	88	1292	88.460	ug/l #	87
51) 4-Methyl-2-Pentanone	10.08	43	42098	23.735	ug/l	99
52) Toluene	10.25	92	25953	4.733	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	14830	4.636	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	16735	4.675	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	8589	4.912	ug/l	93
56) Ethyl methacrylate	10.51	69	10195	4.341	ug/l	96
57) 1,3-Dichloropropane	10.79	76	14213	4.692	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	25116	20.563	ug/l	98
59) 2-Hexanone	10.84	43	29698	23.487	ug/l	97
60) Dibromochloromethane	10.99	129	10056	4.562	ug/l	99
61) 1,2-Dibromoethane	11.09	107	8082	4.806	ug/l	95
64) Tetrachloroethene	10.72	164	10996	4.358	ug/l	97
65) Chlorobenzene	11.52	112	27842	4.856	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.59	131	10400	4.784	ug/l	98
67) Ethyl Benzene	11.59	91	50043	4.871	ug/l	98
68) m/p-Xylenes	11.70	106	38357	9.789	ug/l	99
69) o-Xylene	12.03	106	17372	4.733	ug/l	99
70) Styrene	12.05	104	28292	4.539	ug/l	99
71) Bromoform	12.21	173	6886	4.747	ug/l #	98
73) Isopropylbenzene	12.33	105	46468	5.067	ug/l	100
74) N-amyl acetate	12.14	43	12730	4.849	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	10300	5.727	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	8118m	6.235	ug/l	
77) Bromobenzene	12.61	156	12405	5.113	ug/l	100
78) n-propylbenzene	12.67	91	54543	5.003	ug/l	99
79) 2-Chlorotoluene	12.76	91	31319	5.121	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	38172	4.881	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	3678	5.498	ug/l	99
82) 4-Chlorotoluene	12.86	91	32660	5.038	ug/l	99
83) tert-Butylbenzene	13.08	119	34320	5.031	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	38022	4.815	ug/l	100
85) sec-Butylbenzene	13.25	105	46363	4.932	ug/l	99
86) p-Isopropyltoluene	13.37	119	42869	4.813	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	22649	4.907	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	22395	4.869	ug/l	94
89) n-Butylbenzene	13.70	91	39422	4.839	ug/l	99
90) Hexachloroethane	13.96	117	7404	5.253	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	19888	4.842	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1776	5.225	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	13712	4.504	ug/l	99
94) Hexachlorobutadiene	15.11	225	9651	4.864	ug/l	98
95) Naphthalene	15.24	128	25766	4.728	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	12433	4.689	ug/l	98

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

