

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003462.D
 Acq On : 02 Nov 2020 10:33
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 02 11:50:27 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	239295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	340134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	303956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155923	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	25880	10.78	ug/l	0.00
Spiked Amount			Recovery	=	21.56%	
35) Dibromofluoromethane	7.73	113	20982	10.32	ug/l	0.00
Spiked Amount			Recovery	=	20.64%	
50) Toluene-d8	10.18	98	88576	10.42	ug/l	0.00
Spiked Amount			Recovery	=	20.84%	
62) 4-Bromofluorobenzene	12.49	95	28430	9.75	ug/l	0.00
Spiked Amount			Recovery	=	19.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	19463	10.472	ug/l	98
3) Chloromethane	2.12	50	24902	9.679	ug/l	95
4) Vinyl Chloride	2.26	62	27665	9.851	ug/l	99
5) Bromomethane	2.66	94	25133	9.448	ug/l	99
6) Chloroethane	2.80	64	17167	10.040	ug/l	99
7) Trichlorofluoromethane	3.14	101	37657	10.814	ug/l	98
8) Diethyl Ether	3.54	74	11389	9.961	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	20956	10.802	ug/l	99
10) Methyl Iodide	4.11	142	13936	12.206	ug/l	98
11) Tert butyl alcohol	4.97	59	15998	68.621	ug/l	95
12) 1,1-Dichloroethene	3.89	96	20852	10.905	ug/l	96
13) Acrolein	3.74	56	10573	48.609	ug/l	99
14) Allyl chloride	4.50	41	36899	10.794	ug/l	99
15) Acrylonitrile	5.18	53	28989	52.358	ug/l	98
16) Acetone	3.96	43	36784	58.320	ug/l	96
17) Carbon Disulfide	4.21	76	66991	10.748	ug/l	99
18) Methyl Acetate	4.49	43	14876	10.431	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	48983	9.826	ug/l	98
20) Methylene Chloride	4.74	84	25743	10.059	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	23857	10.665	ug/l	94
22) Diisopropyl ether	6.14	45	64976	10.261	ug/l	96
23) Vinyl Acetate	6.08	43	235663	50.577	ug/l	97
24) 1,1-Dichloroethane	6.04	63	41988	10.643	ug/l	98
25) 2-Butanone	7.00	43	48193	55.006	ug/l	99
26) 2,2-Dichloropropane	6.99	77	39601	11.125	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	25517	10.285	ug/l	97
28) Bromochloromethane	7.35	49	19518	10.093	ug/l	99
29) Tetrahydrofuran	7.36	42	26169	52.439	ug/l	99
30) Chloroform	7.52	83	40550	10.192	ug/l	98
31) Cyclohexane	7.80	56	40184	11.366	ug/l #	86
32) 1,1,1-Trichloroethane	7.71	97	38055	10.401	ug/l	99
36) 1,1-Dichloropropene	7.93	75	33098	10.343	ug/l	98
37) Ethyl Acetate	7.09	43	20291	10.729	ug/l	98
38) Carbon Tetrachloride	7.91	117	34992	10.459	ug/l	99

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39) Methylcyclohexane	9.19	83	37777	10.710	ug/l	96
40) Benzene	8.17	78	93550	10.349	ug/l	98
41) Methacrylonitrile	7.32	41	9930	10.322	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	28834	10.052	ug/l	100
43) Isopropyl Acetate	8.28	43	35783	10.153	ug/l	99
44) Trichloroethene	8.94	130	26614	10.062	ug/l	95
45) 1,2-Dichloropropane	9.22	63	23830	10.373	ug/l	97
46) Dibromomethane	9.31	93	12750	9.834	ug/l	98
47) Bromodichloromethane	9.50	83	31755	9.980	ug/l	98
48) Methyl methacrylate	9.30	41	16582	9.941	ug/l	98
49) 1,4-Dioxane	9.30	88	3071	198.832	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	94498	50.381	ug/l	98
52) Toluene	10.25	92	57912	9.988	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	32487	9.604	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	37849	9.998	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	18167	9.824	ug/l	96
56) Ethyl methacrylate	10.51	69	22636	9.115	ug/l	99
57) 1,3-Dichloropropane	10.79	76	31684	9.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	56508	43.750	ug/l	99
59) 2-Hexanone	10.83	43	66211	49.517	ug/l	98
60) Dibromochloromethane	10.99	129	21926	9.407	ug/l	99
61) 1,2-Dibromoethane	11.09	107	17212	9.678	ug/l	98
64) Tetrachloroethene	10.72	164	24513	9.195	ug/l	98
65) Chlorobenzene	11.52	112	62767	10.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	23609	10.280	ug/l	99
67) Ethyl Benzene	11.60	91	110452	10.177	ug/l	100
68) m/p-Xylenes	11.70	106	83977	20.286	ug/l	99
69) o-Xylene	12.03	106	38130	9.834	ug/l	98
70) Styrene	12.05	104	64837	9.847	ug/l	99
71) Bromoform	12.21	173	15007	9.791	ug/l #	99
73) Isopropylbenzene	12.33	105	106422	10.813	ug/l	99
74) N-amyl acetate	12.14	43	28313	10.049	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	22412	11.612	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	16520m	11.823	ug/l	
77) Bromobenzene	12.61	156	26967	10.356	ug/l	99
78) n-propylbenzene	12.67	91	125865	10.757	ug/l	100
79) 2-Chlorotoluene	12.75	91	70574	10.753	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	89300	10.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	7920	11.032	ug/l	98
82) 4-Chlorotoluene	12.86	91	73963	10.631	ug/l	99
83) tert-Butylbenzene	13.08	119	78304	10.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	88429	10.434	ug/l	99
85) sec-Butylbenzene	13.25	105	106807	10.588	ug/l	100
86) p-Isopropyltoluene	13.37	119	97478	10.197	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	51161	10.329	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	51508	10.435	ug/l	99
89) n-Butylbenzene	13.70	91	88570	10.130	ug/l	99
90) Hexachloroethane	13.96	117	16374	10.825	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	45536	10.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4040	11.075	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.01	180	32032	9.803	ug/l	99
94) Hexachlorobutadiene	15.11	225	21396	10.047	ug/l	99
95) Naphthalene	15.23	128	59882	10.238	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	28820	10.127	ug/l	99

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

