

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003465.D
 Acq On : 02 Nov 2020 11:39
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 02 11:58:07 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	218267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	310639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	284666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147751	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	228644	104.46	ug/l	0.00
Spiked Amount						
			Recovery	=	208.92%	
35) Dibromofluoromethane	7.73	113	196407	105.74	ug/l	0.00
Spiked Amount						
			Recovery	=	211.48%	
50) Toluene-d8	10.18	98	812922	104.66	ug/l	0.00
Spiked Amount						
			Recovery	=	209.32%	
62) 4-Bromofluorobenzene	12.48	95	273192	102.63	ug/l	0.00
Spiked Amount						
			Recovery	=	205.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	182591	107.706	ug/l	99
3) Chloromethane	2.12	50	242578	103.371	ug/l	100
4) Vinyl Chloride	2.26	62	276758	108.043	ug/l	99
5) Bromomethane	2.65	94	203604	83.910	ug/l	98
6) Chloroethane	2.80	64	157974	101.286	ug/l	99
7) Trichlorofluoromethane	3.13	101	325604	102.509	ug/l	98
8) Diethyl Ether	3.54	74	103139	98.895	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	182378	103.070	ug/l	99
10) Methyl Iodide	4.10	142	196964	189.129	ug/l	98
11) Tert butyl alcohol	4.97	59	116494	547.820	ug/l	99
12) 1,1-Dichloroethene	3.88	96	183424	105.170	ug/l	97
13) Acrolein	3.74	56	90454	455.925	ug/l	99
14) Allyl chloride	4.49	41	339639	108.923	ug/l	99
15) Acrylonitrile	5.18	53	288610	571.490	ug/l	99
16) Acetone	3.96	43	440419	765.541	ug/l	98
17) Carbon Disulfide	4.21	76	595046	104.667	ug/l	100
18) Methyl Acetate	4.49	43	147713	113.550	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	463197	101.866	ug/l	97
20) Methylene Chloride	4.73	84	199206	85.342	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	211447	103.630	ug/l	99
22) Diisopropyl ether	6.13	45	584436	101.183	ug/l	99
23) Vinyl Acetate	6.08	43	2328883	547.965	ug/l	100
24) 1,1-Dichloroethane	6.04	63	372702	103.574	ug/l	99
25) 2-Butanone	7.00	43	529383	662.429	ug/l	100
26) 2,2-Dichloropropane	6.99	77	345644	106.455	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	230744	101.961	ug/l	98
28) Bromochloromethane	7.35	49	193408	109.645	ug/l	99
29) Tetrahydrofuran	7.36	42	265003	582.189	ug/l	99
30) Chloroform	7.52	83	367792	101.344	ug/l	98
31) Cyclohexane	7.80	56	324956	100.767	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	346828	103.928	ug/l	99
36) 1,1-Dichloropropene	7.93	75	304016	104.023	ug/l	100
37) Ethyl Acetate	7.09	43	196428	113.720	ug/l	99
38) Carbon Tetrachloride	7.91	117	316962	103.735	ug/l	98

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39) Methylcyclohexane	9.19	83	342049	106.180	ug/l	99
40) Benzene	8.17	78	841783	101.968	ug/l	99
41) Methacrylonitrile	7.33	41	103340m	117.624	ug/l	
42) 1,2-Dichloroethane	8.25	62	262222	100.094	ug/l	99
43) Isopropyl Acetate	8.28	43	354644	110.183	ug/l	100
44) Trichloroethene	8.94	130	238443	98.706	ug/l	100
45) 1,2-Dichloropropane	9.22	63	210160	100.165	ug/l	100
46) Dibromomethane	9.31	93	118086	99.724	ug/l	99
47) Bromodichloromethane	9.50	83	289147	99.507	ug/l	100
48) Methyl methacrylate	9.30	41	171908	112.845	ug/l	98
49) 1,4-Dioxane	9.31	88	31108	2205.329	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	962302	561.757	ug/l	99
52) Toluene	10.25	92	538986	101.780	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	316518	102.457	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	350884	101.487	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	166888	98.818	ug/l	99
56) Ethyl methacrylate	10.51	69	242892	107.090	ug/l	99
57) 1,3-Dichloropropane	10.79	76	295258	100.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	586765	497.418	ug/l	100
59) 2-Hexanone	10.83	43	746521	611.308	ug/l	100
60) Dibromochloromethane	10.99	129	210190	98.738	ug/l	100
61) 1,2-Dibromoethane	11.09	107	163912	100.918	ug/l	99
64) Tetrachloroethene	10.72	164	214834	86.044	ug/l	98
65) Chlorobenzene	11.52	112	571445	100.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	218880	101.765	ug/l	100
67) Ethyl Benzene	11.60	91	1062845	104.561	ug/l	100
68) m/p-Xylenes	11.70	106	800227	206.407	ug/l	100
69) o-Xylene	12.03	106	368624	101.510	ug/l	98
70) Styrene	12.05	104	640979	103.941	ug/l	99
71) Bromoform	12.21	173	149124	103.890	ug/l	# 99
73) Isopropylbenzene	12.33	105	1022128	109.600	ug/l	100
74) N-amyl acetate	12.14	43	301926	113.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	217317	118.822	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	162629m	122.829	ug/l	
77) Bromobenzene	12.61	156	254171	103.008	ug/l	99
78) n-propylbenzene	12.67	91	1200091	108.240	ug/l	100
79) 2-Chlorotoluene	12.75	91	668023	107.414	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	841626	105.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	80777	118.736	ug/l	97
82) 4-Chlorotoluene	12.86	91	693697	105.221	ug/l	100
83) tert-Butylbenzene	13.08	119	745728	107.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	842437	104.896	ug/l	100
85) sec-Butylbenzene	13.25	105	1003925	105.023	ug/l	99
86) p-Isopropyltoluene	13.37	119	943438	104.150	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	475171	101.236	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	466696	99.777	ug/l	99
89) n-Butylbenzene	13.70	91	852157	102.858	ug/l	100
90) Hexachloroethane	13.96	117	156716	109.335	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	418796	100.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	40038	115.833	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.01	180	295587	95.469	ug/l	99
94) Hexachlorobutadiene	15.11	225	179045	88.729	ug/l	99
95) Naphthalene	15.23	128	639318	115.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	265900	98.605	ug/l	98

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

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