

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002247.D
 Acq On : 08 Apr 2020 12:52
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:31:52 AM

Quant Time: Apr 08 15:19:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	174542	96.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.32%	
35) Dibromofluoromethane	7.74	113	176729	100.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.58%	
50) Toluene-d8	10.19	98	718723	97.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.86%	
62) 4-Bromofluorobenzene	12.48	95	235518	97.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	151303	92.195	ug/l	95
3) Chloromethane	2.12	50	185605	89.862	ug/l	97
4) Vinyl Chloride	2.26	62	200850	91.360	ug/l	99
5) Bromomethane	2.65	94	118077	86.975	ug/l	98
6) Chloroethane	2.80	64	117759	92.879	ug/l	98
7) Trichlorofluoromethane	3.14	101	259808	91.509	ug/l	99
8) Diethyl Ether	3.55	74	115088	95.352	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	177252	91.909	ug/l	100
10) Methyl Iodide	4.11	142	231954	103.470	ug/l	99
11) Tert butyl alcohol	4.99	59	95182	400.645	ug/l	97
12) 1,1-Dichloroethene	3.89	96	182587	93.122	ug/l	96
13) Acrolein	3.75	56	116275	499.387	ug/l	100
14) Allyl chloride	4.50	41	296040	93.499	ug/l	99
15) Acrylonitrile	5.19	53	297569	482.107	ug/l	100
16) Acetone	3.97	43	220235	463.051	ug/l	95
17) Carbon Disulfide	4.21	76	615121	94.464	ug/l	99
18) Methyl Acetate	4.50	43	139468	94.537	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	494593	95.951	ug/l	100
20) Methylene Chloride	4.74	84	203300	86.965	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	204458	92.902	ug/l	99
22) Diisopropyl ether	6.14	45	578154	90.735	ug/l	98
23) Vinyl Acetate	6.08	43	1920888	473.062	ug/l	99
24) 1,1-Dichloroethane	6.04	63	339298	93.618	ug/l	98
25) 2-Butanone	7.01	43	353282	469.361	ug/l	99
26) 2,2-Dichloropropane	7.00	77	269443	88.874	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	225326	93.922	ug/l	97
28) Bromochloromethane	7.35	49	146953	93.929	ug/l	98
29) Tetrahydrofuran	7.36	42	235872	474.072	ug/l	99
30) Chloroform	7.53	83	320389	93.780	ug/l	99
31) Cyclohexane	7.80	56	332370	87.366	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	269807	94.882	ug/l	99
36) 1,1-Dichloropropene	7.93	75	268622	92.550	ug/l	99
37) Ethyl Acetate	7.10	43	153900	92.817	ug/l	99
38) Carbon Tetrachloride	7.92	117	233245	93.950	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	365728	92.631	ug/l	98
40) Benzene	8.17	78	821057	93.239	ug/l	99
41) Methacrylonitrile	7.35	41	93637m	85.483	ug/l	
42) 1,2-Dichloroethane	8.25	62	204538	93.766	ug/l	100
43) Isopropyl Acetate	8.28	43	290948	96.212	ug/l	100
44) Trichloroethene	8.95	130	241340	93.217	ug/l	95
45) 1,2-Dichloropropane	9.23	63	204021	93.377	ug/l	100
46) Dibromomethane	9.31	93	108209	94.721	ug/l	99
47) Bromodichloromethane	9.51	83	253018	96.525	ug/l	99
48) Methyl methacrylate	9.30	41	131273	96.813	ug/l	97
49) 1,4-Dioxane	9.31	88	30804	1906.195	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	750427	476.232	ug/l	100
52) Toluene	10.25	92	498965	94.021	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	279405	97.831	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	329570	95.984	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	158963	95.043	ug/l	97
56) Ethyl methacrylate	10.52	69	234183	98.103	ug/l	98
57) 1,3-Dichloropropane	10.80	76	278420	94.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	599662	485.100	ug/l	100
59) 2-Hexanone	10.84	43	521733	477.069	ug/l	99
60) Dibromochloromethane	10.99	129	176892	99.187	ug/l	99
61) 1,2-Dibromoethane	11.09	107	153988	96.710	ug/l	100
64) Tetrachloroethene	10.72	164	249698	93.345	ug/l	99
65) Chlorobenzene	11.52	112	509744	92.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	172197	94.829	ug/l	98
67) Ethyl Benzene	11.60	91	938695	93.230	ug/l	100
68) m/p-Xylenes	11.71	106	702650	186.323	ug/l	99
69) o-Xylene	12.03	106	330343	93.304	ug/l	98
70) Styrene	12.05	104	577913	94.083	ug/l	99
71) Bromoform	12.21	173	99265	100.523	ug/l #	100
73) Isopropylbenzene	12.33	105	868520	95.189	ug/l	99
74) N-amyl acetate	12.15	43	252749	97.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	111138	100.677	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	125555m	53.960	ug/l	
77) Bromobenzene	12.61	156	193797	96.542	ug/l	98
78) n-propylbenzene	12.67	91	1065611	93.905	ug/l	99
79) 2-Chlorotoluene	12.76	91	584078	94.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	714015	94.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	69897	100.803	ug/l	96
82) 4-Chlorotoluene	12.86	91	595280	92.097	ug/l	98
83) tert-Butylbenzene	13.08	119	589225	93.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	707228	93.857	ug/l	100
85) sec-Butylbenzene	13.26	105	866638	92.041	ug/l	100
86) p-Isopropyltoluene	13.38	119	748407	92.352	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	358686	92.198	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	363240	91.982	ug/l	99
89) n-Butylbenzene	13.70	91	755002	90.891	ug/l	100
90) Hexachloroethane	13.97	117	146287	94.730	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	331274	93.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26409	98.916	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	208439	90.209	ug/l	99
94) Hexachlorobutadiene	15.12	225	105030	90.249	ug/l	100
95) Naphthalene	15.24	128	490659	96.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	181732	90.578	ug/l	100

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

