

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016656.D
 Acq On : 09 Jun 2020 12:15
 Operator : JC/SP
 Sample : L2894-16MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MS

Quant Time: Jun 10 04:36:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	353000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	334274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	137902	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.46	113	112340	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.70	98	424957	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	163847	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	103039	43.594	ug/l	99
3) Chloromethane	1.31	50	115134	40.309	ug/l	100
4) Vinyl Chloride	1.39	62	915257	303.002	ug/l	100
5) Bromomethane	1.62	94	69074	47.031	ug/l	99
6) Chloroethane	1.70	64	79176	44.935	ug/l	98
7) Trichlorofluoromethane	1.91	101	197540	49.796	ug/l	95
8) Diethyl Ether	2.17	74	75565	45.682	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	108972	49.912	ug/l	96
10) Methyl Iodide	2.48	142	124372	47.822	ug/l	100
11) Tert butyl alcohol	3.01	59	157145	205.459	ug/l	100
12) 1,1-Dichloroethene	2.35	96	112749	48.788	ug/l	98
13) Acrolein	2.27	56	70744	217.435	ug/l	96
14) Allyl chloride	2.70	41	175846	41.375	ug/l	96
15) Acrylonitrile	3.11	53	326417	208.340	ug/l	99
16) Acetone	2.42	43	267392	204.619	ug/l	99
17) Carbon Disulfide	2.54	76	281313	40.991	ug/l	99
18) Methyl Acetate	2.75	43	148881	44.420	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	391071	47.125	ug/l	96
20) Methylene Chloride	2.83	84	120683	44.637	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	119949	46.924	ug/l	94
22) Diisopropyl ether	3.82	45	347791	42.598	ug/l	96
23) Vinyl Acetate	3.78	43	1535081	214.803	ug/l	96
24) 1,1-Dichloroethane	3.67	63	207594	45.049	ug/l	99
25) 2-Butanone	4.63	43	441831	199.537	ug/l	95
26) 2,2-Dichloropropane	4.54	77	202402	53.676	ug/l #	7
27) cis-1,2-Dichloroethene	4.56	96	2554948	863.965	ug/l	88
28) Bromochloromethane	4.98	49	83266	38.883	ug/l	86
29) Tetrahydrofuran	5.08	42	283047	197.861	ug/l	93
30) Chloroform	5.17	83	220104	47.403	ug/l	97
31) Cyclohexane	5.54	56	170891	41.221	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	202669	48.212	ug/l	98
36) 1,1-Dichloropropene	5.76	75	159527	47.731	ug/l	97
37) Ethyl Acetate	4.79	43	165247	41.182	ug/l #	79
38) Carbon Tetrachloride	5.75	117	183508	52.247	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	184930	50.942	ug/l	97
40) Benzene	6.11	78	477612	47.987	ug/l	98
41) Methacrylonitrile	5.00	41	92572	42.000	ug/l	97
42) 1,2-Dichloroethane	6.16	62	174326	49.251	ug/l	100
43) Isopropyl Acetate	6.41	43	272633	43.559	ug/l	97
44) Trichloroethene	7.18	130	155913	49.373	ug/l	95
45) 1,2-Dichloropropane	7.49	63	120285	47.472	ug/l	97
46) Dibromomethane	7.63	93	83627	49.138	ug/l	95
47) Bromodichloromethane	7.87	83	180775	51.300	ug/l	99
48) Methyl methacrylate	7.74	41	133575	44.572	ug/l	97
49) 1,4-Dioxane	7.71	88	63679	907.975	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	854092	219.153	ug/l	97
52) Toluene	8.76	92	316411	50.413	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	204438	51.020	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	214853	50.657	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	126589	50.728	ug/l	97
56) Ethyl methacrylate	9.16	69	199004	48.965	ug/l	96
57) 1,3-Dichloropropane	9.35	76	212203	49.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	474008	223.447	ug/l	95
59) 2-Hexanone	9.47	43	665280	219.513	ug/l	97
60) Dibromochloromethane	9.56	129	149408	53.202	ug/l	99
61) 1,2-Dibromoethane	9.65	107	137532	51.466	ug/l	99
64) Tetrachloroethene	9.32	164	184908	49.443	ug/l	97
65) Chlorobenzene	10.12	112	397792	58.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	137447	52.835	ug/l	99
67) Ethyl Benzene	10.24	91	603789	49.762	ug/l	99
68) m/p-Xylenes	10.34	106	463946	103.128	ug/l	98
69) o-Xylene	10.68	106	221896	50.931	ug/l	97
70) Styrene	10.70	104	387360	51.725	ug/l	100
71) Bromoform	10.84	173	116936	53.187	ug/l	97
73) Isopropylbenzene	11.00	105	594165	49.831	ug/l	100
74) N-amyl acetate	10.88	43	231652	42.237	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	150338	50.309	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	178784m	47.265	ug/l	
77) Bromobenzene	11.24	156	158564	50.702	ug/l	95
78) n-propylbenzene	11.34	91	671312	50.394	ug/l	99
79) 2-Chlorotoluene	11.40	91	402792	49.536	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	514058	51.633	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73172	47.584	ug/l	98
82) 4-Chlorotoluene	11.49	91	483290	50.331	ug/l	100
83) tert-Butylbenzene	11.76	119	440232	51.749	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	510439	50.695	ug/l	100
85) sec-Butylbenzene	11.93	105	547687	51.321	ug/l	100
86) p-Isopropyltoluene	12.05	119	532417	53.260	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	279359	51.560	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	285769	51.571	ug/l	98
89) n-Butylbenzene	12.37	91	435642	52.320	ug/l	99
90) Hexachloroethane	12.58	117	93493	54.145	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	277784	52.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44828	46.313	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	187057	53.656	ug/l	99
94) Hexachlorobutadiene	13.77	225	85698	62.609	ug/l	99
95) Naphthalene	13.82	128	600112	50.213	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	184672	54.070	ug/l	100

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

