

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015966.D
 Acq On : 28 Apr 2020 16:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 3:00:00 PM

Quant Time: Apr 28 17:25:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	254246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	405754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	212167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	502573	151.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.38%	
35) Dibromofluoromethane	5.47	113	390473	154.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.54%	
50) Toluene-d8	8.70	98	1456695	153.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.86%	
62) 4-Bromofluorobenzene	11.12	95	599387	161.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	353822	155.518	ug/l	99
3) Chloromethane	1.31	50	399273	144.806	ug/l	97
4) Vinyl Chloride	1.39	62	458761	146.505	ug/l	100
5) Bromomethane	1.62	94	273461	130.084	ug/l	100
6) Chloroethane	1.69	64	313783	150.646	ug/l	100
7) Trichlorofluoromethane	1.90	101	705444	149.047	ug/l	99
8) Diethyl Ether	2.17	74	289640	146.584	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	345523	146.455	ug/l	100
10) Methyl Iodide	2.48	142	523953	159.203	ug/l	99
11) Tert butyl alcohol	3.04	59	618190	766.115	ug/l	100
12) 1,1-Dichloroethene	2.35	96	355931	146.320	ug/l	99
13) Acrolein	2.28	56	162613	801.895	ug/l	98
14) Allyl chloride	2.70	41	662220	150.975	ug/l	100
15) Acrylonitrile	3.12	53	1210152	756.365	ug/l	99
16) Acetone	2.43	43	1052426	740.375	ug/l	99
17) Carbon Disulfide	2.54	76	1035204	132.866	ug/l	99
18) Methyl Acetate	2.75	43	605079	150.004	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1336628	151.922	ug/l	99
20) Methylene Chloride	2.83	84	404565	143.771	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	399527	145.734	ug/l	98
22) Diisopropyl ether	3.83	45	1315915	152.596	ug/l	91
23) Vinyl Acetate	3.79	43	5825674	777.685	ug/l	99
24) 1,1-Dichloroethane	3.67	63	724751	150.869	ug/l	100
25) 2-Butanone	4.64	43	1756190	762.407	ug/l	98
26) 2,2-Dichloropropane	4.55	77	655179	149.165	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	458970	147.530	ug/l	99
28) Bromochloromethane	4.98	49	345028	148.423	ug/l	99
29) Tetrahydrofuran	5.09	42	1139462	754.810	ug/l	100
30) Chloroform	5.18	83	750343	150.210	ug/l	98
31) Cyclohexane	5.55	56	634002	148.248	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	692676	150.605	ug/l	100
36) 1,1-Dichloropropene	5.77	75	559389	144.748	ug/l	99
37) Ethyl Acetate	4.80	43	677235	152.826	ug/l	99
38) Carbon Tetrachloride	5.76	117	614562	150.558	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	659373	147.505	ug/l	98
40) Benzene	6.12	78	1626210	147.480	ug/l	99
41) Methacrylonitrile	5.01	41	361769	152.516	ug/l	99
42) 1,2-Dichloroethane	6.17	62	626467	146.629	ug/l	100
43) Isopropyl Acetate	6.42	43	1119753	152.593	ug/l	100
44) Trichloroethene	7.19	130	536877	135.081	ug/l	99
45) 1,2-Dichloropropane	7.49	63	418760	146.946	ug/l	100
46) Dibromomethane	7.64	93	301156	148.723	ug/l	99
47) Bromodichloromethane	7.88	83	620731	154.259	ug/l	99
48) Methyl methacrylate	7.75	41	533980	157.607	ug/l	99
49) 1,4-Dioxane	7.72	88	239568	3005.740	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	3486992	783.406	ug/l	99
52) Toluene	8.77	92	1057916	151.145	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	730463	152.989	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	741133	150.924	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	430906	154.052	ug/l	99
56) Ethyl methacrylate	9.16	69	744536	163.698	ug/l	99
57) 1,3-Dichloropropane	9.35	76	723074	150.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1838545	782.240	ug/l	99
59) 2-Hexanone	9.48	43	2767570	795.613	ug/l	99
60) Dibromochloromethane	9.57	129	516123	164.857	ug/l	98
61) 1,2-Dibromoethane	9.66	107	467487	154.124	ug/l	99
64) Tetrachloroethene	9.32	164	621543	137.465	ug/l	98
65) Chlorobenzene	10.12	112	1147803	147.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	456664	155.646	ug/l	99
67) Ethyl Benzene	10.24	91	2045891	147.990	ug/l	100
68) m/p-Xylenes	10.35	106	1590409	303.180	ug/l	98
69) o-Xylene	10.68	106	771832	154.971	ug/l	100
70) Styrene	10.70	104	1386784	162.275	ug/l	99
71) Bromoform	10.84	173	415865	174.963	ug/l #	100
73) Isopropylbenzene	11.01	105	2066406	143.170	ug/l	99
74) N-amyl acetate	10.88	43	1045448	150.185	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	528880	189.036	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	626681m	112.786	ug/l	
77) Bromobenzene	11.24	156	537939	144.792	ug/l	99
78) n-propylbenzene	11.35	91	2413074	145.335	ug/l	100
79) 2-Chlorotoluene	11.41	91	1420649	143.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1802086	148.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	290519	154.211	ug/l	98
82) 4-Chlorotoluene	11.49	91	1735277	146.662	ug/l	99
83) tert-Butylbenzene	11.76	119	1557054	148.528	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1840337	150.399	ug/l	99
85) sec-Butylbenzene	11.93	105	2090959	148.043	ug/l	100
86) p-Isopropyltoluene	12.05	119	1969032	148.835	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	991517	146.348	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	997633	145.698	ug/l	99
89) n-Butylbenzene	12.37	91	1823718	152.565	ug/l	100
90) Hexachloroethane	12.58	117	375273	160.544	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	961511	148.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	178421	149.732	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	718453	147.749	ug/l	98
94) Hexachlorobutadiene	13.77	225	317120	145.965	ug/l	97
95) Naphthalene	13.82	128	2319237	151.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	699965	149.494	ug/l	98

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

