

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007667.D
 Acq On : 25 Feb 2019 12:01
 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
 2/26/2019 2:57:45 PM

Quant Time: Feb 25 12:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	344388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	554159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	516699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	657535	155.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.42%	
35) Dibromofluoromethane	5.50	113	550648	148.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.62%	
50) Toluene-d8	8.71	98	2194740	155.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.98%	
62) 4-Bromofluorobenzene	11.14	95	894448	178.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	356.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	473228	149.000	ug/l	99
3) Chloromethane	1.33	50	520715	147.746	ug/l	99
4) Vinyl Chloride	1.41	62	527627	145.566	ug/l	100
5) Bromomethane	1.64	94	331258	123.670	ug/l	99
6) Chloroethane	1.71	64	314350	133.989	ug/l	99
7) Trichlorofluoromethane	1.92	101	811826	146.204	ug/l	98
8) Diethyl Ether	2.19	74	330449	144.776	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	470709	139.151	ug/l	93
10) Methyl Iodide	2.51	142	654690	159.271	ug/l	97
11) Tert butyl alcohol	3.10	59	638921	799.893	ug/l	99
12) 1,1-Dichloroethene	2.37	96	455818	151.577	ug/l	92
13) Acrolein	2.30	56	540671	752.170	ug/l	100
14) Allyl chloride	2.73	41	863822	156.140	ug/l	98
15) Acrylonitrile	3.16	53	1432610	752.560	ug/l	99
16) Acetone	2.46	43	1322425	687.403	ug/l	98
17) Carbon Disulfide	2.56	76	1322851	159.510	ug/l	99
18) Methyl Acetate	2.78	43	616009	148.576	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	1606142	153.744	ug/l	98
20) Methylene Chloride	2.85	84	487518	137.195	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	484804	147.649	ug/l	91
22) Diisopropyl ether	3.87	45	1885580	165.399	ug/l	98
23) Vinyl Acetate	3.83	43	8417014	844.806	ug/l	99
24) 1,1-Dichloroethane	3.70	63	942706	149.513	ug/l	99
25) 2-Butanone	4.71	43	2199118	763.268	ug/l	99
26) 2,2-Dichloropropane	4.59	77	781431	156.460	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	608608	145.287	ug/l	94
28) Bromochloromethane	5.02	49	453900	147.550	ug/l	85
29) Tetrahydrofuran	5.16	42	1509632	801.634	ug/l	97
30) Chloroform	5.22	83	1030583	153.219	ug/l	98
31) Cyclohexane	5.57	56	909593	154.156	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	883075	159.928	ug/l	98
36) 1,1-Dichloropropene	5.80	75	766990	154.764	ug/l	97
37) Ethyl Acetate	4.86	43	872146	159.201	ug/l	100
38) Carbon Tetrachloride	5.78	117	778012	156.601	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	944656	150.031	ug/l	96
40) Benzene	6.14	78	2314273	150.575	ug/l	100
41) Methacrylonitrile	5.07	41	478415	164.496	ug/l	98
42) 1,2-Dichloroethane	6.20	62	808830	157.834	ug/l	99
43) Isopropyl Acetate	6.46	43	1398577	167.368	ug/l	99
44) Trichloroethene	7.21	130	616627	144.929	ug/l	93
45) 1,2-Dichloropropane	7.52	63	605151	152.286	ug/l	100
46) Dibromomethane	7.66	93	405907	145.280	ug/l	90
47) Bromodichloromethane	7.90	83	783533	165.476	ug/l	99
48) Methyl methacrylate	7.77	41	715160	162.382	ug/l	97
49) 1,4-Dioxane	7.76	88	297059	3097.145	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	4727559	847.068	ug/l	100
52) Toluene	8.79	92	1518385	157.949	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	950461	187.296	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	986643	173.146	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	618543	153.552	ug/l	98
56) Ethyl methacrylate	9.18	69	996719	178.870	ug/l	98
57) 1,3-Dichloropropane	9.37	76	998325	155.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2537479	810.948	ug/l	95
59) 2-Hexanone	9.50	43	3789843	869.073	ug/l	100
60) Dibromochloromethane	9.59	129	670770	177.673	ug/l	99
61) 1,2-Dibromoethane	9.67	107	658826	158.366	ug/l	100
64) Tetrachloroethene	9.34	164	576124	135.069	ug/l	95
65) Chlorobenzene	10.14	112	1646196	146.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	592828	152.502	ug/l	99
67) Ethyl Benzene	10.25	91	2861310	155.509	ug/l	98
68) m/p-Xylenes	10.36	106	2238765	313.127	ug/l	93
69) o-Xylene	10.70	106	1105268	161.611	ug/l	93
70) Styrene	10.71	104	1896981	170.371	ug/l	97
71) Bromoform	10.86	173	524811	186.897	ug/l #	99
73) Isopropylbenzene	11.02	105	3017147	144.777	ug/l	99
74) N-amyl acetate	10.90	43	1488519	168.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1037687	143.810	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	981774m	160.788	ug/l	
77) Bromobenzene	11.26	156	746678	142.480	ug/l	84
78) n-propylbenzene	11.36	91	3532095	151.035	ug/l	97
79) 2-Chlorotoluene	11.42	91	2095557	148.381	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	2542849	149.048	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	367569	187.264	ug/l	94
82) 4-Chlorotoluene	11.51	91	2518196	153.248	ug/l	95
83) tert-Butylbenzene	11.77	119	2482149	152.033	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	2628912	150.964	ug/l	97
85) sec-Butylbenzene	11.94	105	3102822	151.588	ug/l	98
86) p-Isopropyltoluene	12.07	119	2745159	153.458	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	1395733	143.795	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	1421591	142.856	ug/l	97
89) n-Butylbenzene	12.39	91	2595649	164.730	ug/l	98
90) Hexachloroethane	12.60	117	480560	160.717	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	1372200	140.820	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	242931	156.753	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	915597	156.671	ug/l	97
94) Hexachlorobutadiene	13.78	225	375354	137.418	ug/l	99
95) Naphthalene	13.83	128	3044398	161.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	881682	148.977	ug/l	98

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

