

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009206.D
 Acq On : 29 Apr 2019 14:32
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX042919

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:03:43 AM

Quant Time: Apr 30 07:24:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200042	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	312808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129787	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	5.49	113	97121	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	395669	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	146394	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	99132	53.776	ug/l	100
3) Chloromethane	1.32	50	135511	53.844	ug/l	98
4) Vinyl Chloride	1.40	62	127122	51.799	ug/l	99
5) Bromomethane	1.64	94	79336	53.860	ug/l	97
6) Chloroethane	1.71	64	77370	49.104	ug/l	98
7) Trichlorofluoromethane	1.92	101	155486	52.122	ug/l	97
8) Diethyl Ether	2.18	74	69183	48.960	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98609	52.639	ug/l	99
10) Methyl Iodide	2.51	142	93973	43.802	ug/l	100
11) Tert butyl alcohol	3.04	59	154844	244.961	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97595	51.996	ug/l	97
13) Acrolein	2.29	56	127478	222.683	ug/l	100
14) Allyl chloride	2.72	41	227966	49.837	ug/l	99
15) Acrylonitrile	3.14	53	368327	238.311	ug/l	99
16) Acetone	2.44	43	341300	232.757	ug/l	98
17) Carbon Disulfide	2.56	76	280995	53.322	ug/l	100
18) Methyl Acetate	2.77	43	163239	46.810	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	368785	50.596	ug/l	98
20) Methylene Chloride	2.85	84	114763	48.337	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	104734	51.452	ug/l	99
22) Diisopropyl ether	3.85	45	439397	49.950	ug/l	96
23) Vinyl Acetate	3.81	43	1952043	259.142	ug/l	100
24) 1,1-Dichloroethane	3.69	63	216797	49.959	ug/l	99
25) 2-Butanone	4.67	43	548859	240.871	ug/l	100
26) 2,2-Dichloropropane	4.57	77	169356	52.431	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	122982	50.616	ug/l	99
28) Bromochloromethane	5.01	49	88850	50.913	ug/l	99
29) Tetrahydrofuran	5.12	42	352037	240.085	ug/l	100
30) Chloroform	5.20	83	198134	50.482	ug/l	99
31) Cyclohexane	5.57	56	213242	52.817	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	164417	50.323	ug/l	100
36) 1,1-Dichloropropene	5.79	75	155641	53.541	ug/l	99
37) Ethyl Acetate	4.82	43	204195	50.415	ug/l	99
38) Carbon Tetrachloride	5.78	117	139792	52.928	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200151	56.064	ug/l	100
40) Benzene	6.13	78	468212	52.043	ug/l	100
41) Methacrylonitrile	5.04	41	115511	47.910	ug/l	98
42) 1,2-Dichloroethane	6.19	62	165835	51.386	ug/l	100
43) Isopropyl Acetate	6.44	43	332776	51.365	ug/l	100
44) Trichloroethene	7.21	130	113901	52.370	ug/l	98
45) 1,2-Dichloropropane	7.51	63	133338	52.342	ug/l	97
46) Dibromomethane	7.65	93	75500	51.037	ug/l	99
47) Bromodichloromethane	7.89	83	155125	52.569	ug/l	98
48) Methyl methacrylate	7.76	41	166599	51.832	ug/l	100
49) 1,4-Dioxane	7.74	88	63575	975.323	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1053833	248.865	ug/l	100
52) Toluene	8.78	92	286929	52.467	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185567	55.700	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201336	54.599	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114252	51.209	ug/l	97
56) Ethyl methacrylate	9.18	69	210190	52.777	ug/l	100
57) 1,3-Dichloropropane	9.37	76	203652	51.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	573887	271.627	ug/l	100
59) 2-Hexanone	9.49	43	840530	252.732	ug/l	100
60) Dibromochloromethane	9.58	129	116329	53.384	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117624	52.228	ug/l	99
64) Tetrachloroethene	9.34	164	100665	51.909	ug/l	97
65) Chlorobenzene	10.13	112	297481	52.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	108474	52.905	ug/l	100
67) Ethyl Benzene	10.25	91	558337	53.644	ug/l	99
68) m/p-Xylenes	10.35	106	409459	107.653	ug/l	98
69) o-Xylene	10.69	106	198828	52.982	ug/l	100
70) Styrene	10.71	104	349555	53.592	ug/l	99
71) Bromoform	10.85	173	88695	53.231	ug/l #	100
73) Isopropylbenzene	11.02	105	538570	51.109	ug/l	99
74) N-amyl acetate	10.90	43	316370	51.496	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	192760	49.070	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	166476m	49.526	ug/l	
77) Bromobenzene	11.25	156	131714	50.359	ug/l	100
78) n-propylbenzene	11.36	91	634168	52.696	ug/l	99
79) 2-Chlorotoluene	11.42	91	371678	50.059	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	457315	51.541	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67793	51.603	ug/l	99
82) 4-Chlorotoluene	11.51	91	434734	51.829	ug/l	99
83) tert-Butylbenzene	11.77	119	445911	51.662	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	463072	51.996	ug/l	99
85) sec-Butylbenzene	11.94	105	538839	52.656	ug/l	100
86) p-Isopropyltoluene	12.06	119	491657	53.444	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243660	52.258	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	244595	52.033	ug/l	99
89) n-Butylbenzene	12.38	91	464997	55.923	ug/l	100
90) Hexachloroethane	12.59	117	81892	52.250	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	244442	51.472	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44518	50.518	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182113	56.077	ug/l	99
94) Hexachlorobutadiene	13.78	225	91945	55.442	ug/l	99
95) Naphthalene	13.83	128	559196	52.925	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178476	54.216	ug/l	99

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

