

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008417.D
 Acq On : 25 Mar 2019 17:47
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 8:56:03 AM

Quant Time: Mar 26 08:03:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173103	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	169372	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	126871	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	8.71	98	512479	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.13	95	198108	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	135025	49.638	ug/l	99
3) Chloromethane	1.32	50	180040	52.479	ug/l	100
4) Vinyl Chloride	1.40	62	184533	48.586	ug/l	99
5) Bromomethane	1.64	94	99385	49.862	ug/l	99
6) Chloroethane	1.71	64	113259	50.338	ug/l	99
7) Trichlorofluoromethane	1.92	101	213355	49.600	ug/l	97
8) Diethyl Ether	2.18	74	99170	48.715	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134611	51.780	ug/l	100
10) Methyl Iodide	2.51	142	130560	51.482	ug/l	99
11) Tert butyl alcohol	3.05	59	180481	232.838	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132532	49.364	ug/l	95
13) Acrolein	2.29	56	187633	333.334	ug/l	99
14) Allyl chloride	2.72	41	291488	49.281	ug/l	100
15) Acrylonitrile	3.14	53	456386	224.539	ug/l	100
16) Acetone	2.44	43	424517	232.161	ug/l	99
17) Carbon Disulfide	2.56	76	399412	44.847	ug/l	99
18) Methyl Acetate	2.77	43	195756	44.574	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	484812	50.111	ug/l	99
20) Methylene Chloride	2.85	84	156432	52.449	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	140440	52.510	ug/l	99
22) Diisopropyl ether	3.85	45	575594	49.421	ug/l	93
23) Vinyl Acetate	3.81	43	2543739	250.343	ug/l	99
24) 1,1-Dichloroethane	3.69	63	291004	49.492	ug/l	99
25) 2-Butanone	4.67	43	678183	231.344	ug/l	100
26) 2,2-Dichloropropane	4.58	77	209208	53.495	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	162761	49.577	ug/l	99
28) Bromochloromethane	5.01	49	136013	46.822	ug/l	100
29) Tetrahydrofuran	5.12	42	427718	221.379	ug/l	100
30) Chloroform	5.21	83	263972	49.746	ug/l	98
31) Cyclohexane	5.57	56	287096	51.195	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	217365	51.247	ug/l	100
36) 1,1-Dichloropropene	5.79	75	211354	52.345	ug/l	100
37) Ethyl Acetate	4.83	43	256851	49.103	ug/l	100
38) Carbon Tetrachloride	5.78	117	182699	54.219	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	270411	56.039	ug/l	99
40) Benzene	6.14	78	628732	52.013	ug/l	100
41) Methacrylonitrile	5.04	41	145976	49.659	ug/l	99
42) 1,2-Dichloroethane	6.19	62	222251	50.217	ug/l	100
43) Isopropyl Acetate	6.44	43	422746	50.527	ug/l	100
44) Trichloroethene	7.21	130	146180	51.504	ug/l	98
45) 1,2-Dichloropropane	7.51	63	178950	52.083	ug/l	99
46) Dibromomethane	7.66	93	102488	51.081	ug/l	99
47) Bromodichloromethane	7.90	83	208695	54.343	ug/l	98
48) Methyl methacrylate	7.77	41	218358	52.159	ug/l	99
49) 1,4-Dioxane	7.74	88	79636	956.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1375652	253.144	ug/l	100
52) Toluene	8.78	92	383882	53.112	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	239684	56.981	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	266309	55.676	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	151953	51.646	ug/l	99
56) Ethyl methacrylate	9.18	69	285883	53.829	ug/l	100
57) 1,3-Dichloropropane	9.37	76	271779	51.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	566725	206.435	ug/l	99
59) 2-Hexanone	9.49	43	1075851	255.500	ug/l	100
60) Dibromochloromethane	9.58	129	155825	55.690	ug/l	99
61) 1,2-Dibromoethane	9.67	107	157268	52.378	ug/l	100
64) Tetrachloroethene	9.34	164	122786	52.315	ug/l	98
65) Chlorobenzene	10.13	112	395436	52.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	139811	53.750	ug/l	99
67) Ethyl Benzene	10.25	91	752441	52.881	ug/l	100
68) m/p-Xylenes	10.36	106	548355	105.934	ug/l	99
69) o-Xylene	10.69	106	265514	52.856	ug/l	100
70) Styrene	10.71	104	476099	54.868	ug/l	99
71) Bromoform	10.85	173	112960	54.990	ug/l #	100
73) Isopropylbenzene	11.02	105	720019	51.128	ug/l	100
74) N-amyl acetate	10.90	43	411937	50.536	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	255994	46.850	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	218226m	42.405	ug/l	
77) Bromobenzene	11.26	156	169942	49.721	ug/l	99
78) n-propylbenzene	11.36	91	867427	52.581	ug/l	100
79) 2-Chlorotoluene	11.42	91	506723	50.500	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	619330	52.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	86606	53.901	ug/l	99
82) 4-Chlorotoluene	11.51	91	598790	51.734	ug/l	100
83) tert-Butylbenzene	11.77	119	598641	52.116	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	621801	51.635	ug/l	99
85) sec-Butylbenzene	11.94	105	726314	53.096	ug/l	100
86) p-Isopropyltoluene	12.06	119	656556	54.394	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	312168	51.118	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	314589	51.044	ug/l	100
89) n-Butylbenzene	12.38	91	645743	56.474	ug/l	100
90) Hexachloroethane	12.60	117	111158	55.279	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	308684	50.476	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54851	46.039	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	220895	53.651	ug/l	99
94) Hexachlorobutadiene	13.78	225	107861	55.171	ug/l	99
95) Naphthalene	13.83	128	697389	49.405	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	215404	52.064	ug/l	100

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

