

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007668.D
 Acq On : 25 Feb 2019 12:28
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:50 PM

Quant Time: Feb 26 02:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	363874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	593961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	536671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	236387	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	193794	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	754914	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	284481	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	177124	52.841	ug/l	97
3) Chloromethane	1.33	50	208917	56.244	ug/l	99
4) Vinyl Chloride	1.41	62	190738	50.051	ug/l	99
5) Bromomethane	1.64	94	124110	51.759	ug/l	97
6) Chloroethane	1.72	64	122356	50.254	ug/l	99
7) Trichlorofluoromethane	1.93	101	294942	50.485	ug/l	100
8) Diethyl Ether	2.19	74	114233	47.644	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172397	48.823	ug/l	93
10) Methyl Iodide	2.51	142	210420	47.858	ug/l	98
11) Tert butyl alcohol	3.07	59	217013	253.762	ug/l	99
12) 1,1-Dichloroethene	2.37	96	163225	51.282	ug/l	92
13) Acrolein	2.30	56	195309	257.011	ug/l	98
14) Allyl chloride	2.73	41	302177	51.345	ug/l	98
15) Acrylonitrile	3.15	53	511541	254.181	ug/l	99
16) Acetone	2.45	43	514625	256.751	ug/l	97
17) Carbon Disulfide	2.57	76	463088	52.296	ug/l	100
18) Methyl Acetate	2.78	43	220604	50.438	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	571958	51.603	ug/l	98
20) Methylene Chloride	2.86	84	174829	47.237	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	171186	49.473	ug/l	96
22) Diisopropyl ether	3.87	45	630075	51.429	ug/l	97
23) Vinyl Acetate	3.82	43	2821946	262.537	ug/l	99
24) 1,1-Dichloroethane	3.70	63	333191	50.041	ug/l	99
25) 2-Butanone	4.70	43	807165	264.368	ug/l	98
26) 2,2-Dichloropropane	4.59	77	274477	51.643	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	214535	48.726	ug/l	95
28) Bromochloromethane	5.02	49	164862	50.860	ug/l	87
29) Tetrahydrofuran	5.15	42	526288	261.499	ug/l	98
30) Chloroform	5.21	83	353736	49.597	ug/l	97
31) Cyclohexane	5.57	56	320839	51.227	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	303886	51.519	ug/l	96
36) 1,1-Dichloropropene	5.80	75	267035	50.007	ug/l	97
37) Ethyl Acetate	4.86	43	299406	50.475	ug/l	100
38) Carbon Tetrachloride	5.79	117	256756	47.866	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	335113	49.655	ug/l	98
40) Benzene	6.15	78	811937	49.256	ug/l	98
41) Methacrylonitrile	5.06	41	161977	51.138	ug/l	100
42) 1,2-Dichloroethane	6.20	62	279272	50.406	ug/l	100
43) Isopropyl Acetate	6.46	43	483870	53.002	ug/l	98
44) Trichloroethene	7.21	130	215248	47.468	ug/l	91
45) 1,2-Dichloropropane	7.51	63	209745	49.120	ug/l	97
46) Dibromomethane	7.66	93	140224	47.072	ug/l	91
47) Bromodichloromethane	7.90	83	261255	50.608	ug/l	99
48) Methyl methacrylate	7.77	41	244151	51.019	ug/l	97
49) 1,4-Dioxane	7.75	88	102164	988.452	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1577822	258.195	ug/l	100
52) Toluene	8.79	92	507020	48.777	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	308193	48.132	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	328868	52.495	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	210630	48.593	ug/l	96
56) Ethyl methacrylate	9.18	69	321886	52.219	ug/l	98
57) 1,3-Dichloropropane	9.37	76	347710	50.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	893392	262.825	ug/l	96
59) 2-Hexanone	9.49	43	1243426	259.173	ug/l	100
60) Dibromochloromethane	9.59	129	212550	50.960	ug/l	97
61) 1,2-Dibromoethane	9.67	107	224950	49.984	ug/l	99
64) Tetrachloroethene	9.34	164	205429	47.152	ug/l	95
65) Chlorobenzene	10.14	112	563552	48.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	202889	50.111	ug/l	98
67) Ethyl Benzene	10.25	91	969519	50.423	ug/l	98
68) m/p-Xylenes	10.36	106	765224	102.300	ug/l	96
69) o-Xylene	10.70	106	364046	50.597	ug/l	95
70) Styrene	10.71	104	609515	51.538	ug/l	98
71) Bromoform	10.86	173	153771	50.647	ug/l #	99
73) Isopropylbenzene	11.02	105	994113	50.558	ug/l	99
74) N-amyl acetate	10.90	43	455886	53.390	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	324710	47.746	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	316961m	54.050	ug/l	
77) Bromobenzene	11.26	156	240218	48.707	ug/l	84
78) n-propylbenzene	11.36	91	1168660	52.597	ug/l	96
79) 2-Chlorotoluene	11.42	91	674677	50.429	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	836426	51.715	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	105450	48.296	ug/l	97
82) 4-Chlorotoluene	11.51	91	817022	52.203	ug/l	95
83) tert-Butylbenzene	11.77	119	810474	52.191	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	857162	51.811	ug/l	98
85) sec-Butylbenzene	11.94	105	1011065	51.957	ug/l	98
86) p-Isopropyltoluene	12.06	119	895844	52.567	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	450006	49.191	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	460886	49.193	ug/l	97
89) n-Butylbenzene	12.39	91	811118	53.368	ug/l	98
90) Hexachloroethane	12.60	117	143299	49.904	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	446573	48.788	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72464	48.903	ug/l	84

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93) 1,2,4-Trichlorobenzene	13.65	180	277166	49.607	ug/l	98
94) Hexachlorobutadiene	13.78	225	117806	46.090	ug/l	99
95) Naphthalene	13.83	128	949004	52.426	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274208	48.877	ug/l	98

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

