

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008374.D
 Acq On : 24 Mar 2019 00:45
 Operator : JC/SP
 Sample : K1900-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MS

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:08:47 AM

Quant Time: Mar 25 09:24:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149458	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	150202	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	111553	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.71	98	445272	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	165322	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	107793	47.306	ug/l	100
3) Chloromethane	1.32	50	163688	48.459	ug/l	99
4) Vinyl Chloride	1.40	62	159103	48.259	ug/l	99
5) Bromomethane	1.64	94	100893	48.598	ug/l	97
6) Chloroethane	1.71	64	94149	48.760	ug/l	99
7) Trichlorofluoromethane	1.92	101	176980	47.204	ug/l	100
8) Diethyl Ether	2.18	74	84063	46.827	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102353	46.085	ug/l	88
10) Methyl Iodide	2.51	142	137783	48.898	ug/l	98
11) Tert butyl alcohol	3.05	59	177807	260.022	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107597	46.932	ug/l	88
13) Acrolein	2.29	56	126378	216.276	ug/l	99
14) Allyl chloride	2.73	41	236893	46.708	ug/l	95
15) Acrylonitrile	3.14	53	428399	244.640	ug/l	99
16) Acetone	2.45	43	369998	241.117	ug/l	98
17) Carbon Disulfide	2.57	76	331050	45.158	ug/l	99
18) Methyl Acetate	2.78	43	155369	40.450	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	402800	48.782	ug/l	98
20) Methylene Chloride	2.85	84	130256	47.152	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	114333	46.057	ug/l	93
22) Diisopropyl ether	3.85	45	479293	48.536	ug/l #	88
23) Vinyl Acetate	3.81	43	1815667	208.247	ug/l	97
24) 1,1-Dichloroethane	3.70	63	242465	48.158	ug/l	98
25) 2-Butanone	4.67	43	624902	247.314	ug/l	96
26) 2,2-Dichloropropane	4.58	77	123065	37.939	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	133742	47.038	ug/l	92
28) Bromochloromethane	5.01	49	120630	47.995	ug/l #	78
29) Tetrahydrofuran	5.13	42	410452	244.647	ug/l	96
30) Chloroform	5.21	83	219398	48.333	ug/l	99
31) Cyclohexane	5.58	56	229362	47.507	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	175141	48.768	ug/l	96
36) 1,1-Dichloropropene	5.80	75	171904	47.719	ug/l	95
37) Ethyl Acetate	4.84	43	203754	41.792	ug/l	97
38) Carbon Tetrachloride	5.79	117	145321	47.060	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202349	45.826	ug/l	93
40) Benzene	6.14	78	519453	47.349	ug/l	98
41) Methacrylonitrile	5.04	41	132351	49.804	ug/l	96
42) 1,2-Dichloroethane	6.19	62	188201	47.271	ug/l	96
43) Isopropyl Acetate	6.45	43	337305	44.429	ug/l	97
44) Trichloroethene	7.21	130	117787	46.233	ug/l	88
45) 1,2-Dichloropropane	7.51	63	148563	47.834	ug/l	98
46) Dibromomethane	7.66	93	85945	46.629	ug/l #	84
47) Bromodichloromethane	7.90	83	168438	47.911	ug/l	100
48) Methyl methacrylate	7.77	41	188308	49.155	ug/l	94
49) 1,4-Dioxane	7.74	88	77032	996.639	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1241662	249.271	ug/l	97
52) Toluene	8.78	92	312697	48.608	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	182457	48.270	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	202118	47.162	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	126876	47.482	ug/l	97
56) Ethyl methacrylate	9.18	69	237468	50.199	ug/l	91
57) 1,3-Dichloropropane	9.37	76	226794	47.643	ug/l	100
59) 2-Hexanone	9.49	43	978658	255.936	ug/l	96
60) Dibromochloromethane	9.58	129	121194	48.863	ug/l	98
61) 1,2-Dibromoethane	9.67	107	130748	48.213	ug/l	99
64) Tetrachloroethene	9.34	164	94571	45.796	ug/l	96
65) Chlorobenzene	10.14	112	315219	47.597	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	111172	48.406	ug/l	98
67) Ethyl Benzene	10.25	91	598972	48.301	ug/l	97
68) m/p-Xylenes	10.36	106	432309	97.027	ug/l	92
69) o-Xylene	10.69	106	212165	48.697	ug/l	93
70) Styrene	10.71	104	372576	49.310	ug/l	96
71) Bromoform	10.85	173	87833	49.646	ug/l #	99
73) Isopropylbenzene	11.02	105	556706	47.199	ug/l	98
74) N-amyl acetate	10.90	43	299092	43.311	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	222536	47.367	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	210906m	53.912	ug/l	
77) Bromobenzene	11.26	156	131550	47.136	ug/l	80
78) n-propylbenzene	11.36	91	658931	47.665	ug/l	95
79) 2-Chlorotoluene	11.42	91	393411	46.718	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	474123	47.253	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	64076	46.676	ug/l	91
82) 4-Chlorotoluene	11.51	91	456426	47.040	ug/l	94
83) tert-Butylbenzene	11.77	119	464446	48.609	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	482751	48.212	ug/l	97
85) sec-Butylbenzene	11.94	105	543866	47.494	ug/l	96
86) p-Isopropyltoluene	12.06	119	480743	47.629	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	234761	46.835	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	236457	46.363	ug/l	97
89) n-Butylbenzene	12.38	91	454330	47.150	ug/l	97
90) Hexachloroethane	12.60	117	80090	48.037	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	239944	47.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49736	49.670	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	160959	47.019	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	73772	45.600	ug/l	99
95) Naphthalene	13.83	128	575305	47.856	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161732	46.819	ug/l	98

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

