

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008243.D
 Acq On : 20 Mar 2019 15:40
 Operator : JC/SP
 Sample : VX0320WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 2:46:11 PM

Quant Time: Mar 22 07:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	202774	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	152521	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	578500	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	201472	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68711	20.426	ug/l	98
3) Chloromethane	1.33	50	78952	18.704	ug/l	100
4) Vinyl Chloride	1.41	62	81754	19.426	ug/l	99
5) Bromomethane	1.64	94	52994	14.782	ug/l	98
6) Chloroethane	1.73	64	54838	20.782	ug/l	98
7) Trichlorofluoromethane	1.93	101	101256	18.852	ug/l	100
8) Diethyl Ether	2.19	74	58140	21.040	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71601	20.079	ug/l	92
10) Methyl Iodide	2.51	142	93013	20.485	ug/l	97
11) Tert butyl alcohol	3.04	59	92616	103.530	ug/l	98
12) 1,1-Dichloroethene	2.38	96	68859	20.454	ug/l	92
13) Acrolein	2.29	56	53322	77.440	ug/l	96
14) Allyl chloride	2.73	41	148333	20.240	ug/l	93
15) Acrylonitrile	3.14	53	247085	104.423	ug/l	99
16) Acetone	2.45	43	216732	91.445	ug/l	98
17) Carbon Disulfide	2.57	76	208522	19.394	ug/l	100
18) Methyl Acetate	2.78	43	120263	21.918	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	251228	20.639	ug/l	97
20) Methylene Chloride	2.86	84	80848	20.457	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	73114	20.103	ug/l	95
22) Diisopropyl ether	3.86	45	300651	20.946	ug/l	90
23) Vinyl Acetate	3.82	43	1280506	104.058	ug/l	98
24) 1,1-Dichloroethane	3.70	63	151731	20.554	ug/l	98
25) 2-Butanone	4.67	43	355535	101.623	ug/l	97
26) 2,2-Dichloropropane	4.59	77	96767	17.400	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	84621	20.410	ug/l	92
28) Bromochloromethane	5.02	49	67667	20.413	ug/l	83
29) Tetrahydrofuran	5.13	42	234102	107.039	ug/l	97
30) Chloroform	5.21	83	143661	20.804	ug/l	100
31) Cyclohexane	5.59	56	140381	20.251	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	116988	20.366	ug/l	97
36) 1,1-Dichloropropene	5.81	75	106717	19.893	ug/l	97
37) Ethyl Acetate	4.84	43	135224	21.323	ug/l	98
38) Carbon Tetrachloride	5.79	117	96337	20.155	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125047	19.370	ug/l	94
40) Benzene	6.15	78	331481	20.877	ug/l	99
41) Methacrylonitrile	5.04	41	76001	21.366	ug/l	96
42) 1,2-Dichloroethane	6.20	62	120314	20.684	ug/l	96
43) Isopropyl Acetate	6.45	43	210280	20.687	ug/l	97
44) Trichloroethene	7.21	130	78743	20.282	ug/l	90
45) 1,2-Dichloropropane	7.51	63	92275	20.760	ug/l	98
46) Dibromomethane	7.66	93	55334	20.561	ug/l #	86
47) Bromodichloromethane	7.90	83	106108	20.688	ug/l	99
48) Methyl methacrylate	7.77	41	110827	20.505	ug/l	93
49) 1,4-Dioxane	7.74	88	39380	412.892	ug/l #	90
51) 4-Methyl-2-Pentanone	8.64	43	707180	107.614	ug/l	97
52) Toluene	8.79	92	194715	20.671	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	112533	18.444	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	124395	19.543	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	80250	21.085	ug/l	97
56) Ethyl methacrylate	9.18	69	130597	19.883	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	142967	21.235	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	295620	94.801	ug/l	94
59) 2-Hexanone	9.49	43	531021	104.961	ug/l	96
60) Dibromochloromethane	9.58	129	76596	20.941	ug/l	99
61) 1,2-Dibromoethane	9.67	107	83086	20.907	ug/l	100
64) Tetrachloroethene	9.34	164	77345	21.004	ug/l	96
65) Chlorobenzene	10.14	112	203553	20.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	72291	20.645	ug/l	99
67) Ethyl Benzene	10.25	91	359692	20.323	ug/l	98
68) m/p-Xylenes	10.36	106	266283	40.958	ug/l	94
69) o-Xylene	10.69	106	130298	20.625	ug/l	95
70) Styrene	10.71	104	211095	20.561	ug/l	96
71) Bromoform	10.85	173	55116	19.665	ug/l #	99
73) Isopropylbenzene	11.02	105	345178	20.664	ug/l	98
74) N-amyl acetate	10.90	43	179459	20.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	124370	20.763	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	125815m	23.869	ug/l	
77) Bromobenzene	11.26	156	83644	20.710	ug/l	87
78) n-propylbenzene	11.36	91	396709	20.447	ug/l	95
79) 2-Chlorotoluene	11.42	91	239039	20.527	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	282035	20.436	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	34674	17.725	ug/l	87
82) 4-Chlorotoluene	11.51	91	272024	20.074	ug/l	95
83) tert-Butylbenzene	11.77	119	268789	20.400	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	290577	20.769	ug/l	97
85) sec-Butylbenzene	11.94	105	331373	20.309	ug/l	97
86) p-Isopropyltoluene	12.06	119	284438	20.139	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	143916	19.939	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	145386	19.473	ug/l	97
89) n-Butylbenzene	12.38	91	250520	18.898	ug/l	97
90) Hexachloroethane	12.60	117	48307	20.083	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	148527	20.408	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26254	19.734	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92866	19.372	ug/l	98
94) Hexachlorobutadiene	13.78	225	46641	19.949	ug/l	99
95) Naphthalene	13.83	128	307392	20.316	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94928	20.125	ug/l	99

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

