

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003879.D
 Acq On : 07 Aug 2018 14:19
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:01:04 PM

Quant Time: Aug 08 01:48:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	502063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	236230	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	5.51	113	194476	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.72	98	760866	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.14	95	275387	57.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	70166	20.22	ug/l	98
3) Chloromethane	1.32	50	88205	18.69	ug/l	99
4) Vinyl Chloride	1.40	62	92472	19.64	ug/l	98
5) Bromomethane	1.64	94	57325	20.67	ug/l	97
6) Chloroethane	1.72	64	64638	21.46	ug/l	98
7) Trichlorofluoromethane	1.93	101	121257	19.51	ug/l	100
8) Diethyl Ether	2.19	74	54035	19.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75047	19.32	ug/l	99
10) Methyl Iodide	2.51	142	87510	18.11	ug/l	100
11) Tert butyl alcohol	3.07	59	110746	101.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70446	19.17	ug/l	98
13) Acrolein	2.29	56	60645	104.25	ug/l	99
14) Allyl chloride	2.73	41	140510	19.84	ug/l	100
15) Acrylonitrile	3.15	53	258160	99.21	ug/l	99
16) Acetone	2.45	43	266713	98.79	ug/l	99
17) Carbon Disulfide	2.57	76	194437	18.95	ug/l	99
18) Methyl Acetate	2.78	43	118658	20.18	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	256946	19.73	ug/l	99
20) Methylene Chloride	2.86	84	86676	19.25	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78507	18.82	ug/l	99
22) Diisopropyl ether	3.87	45	252040	19.36	ug/l	99
23) Vinyl Acetate	3.82	43	1059827	97.83	ug/l	100
24) 1,1-Dichloroethane	3.70	63	154188	19.94	ug/l	100
25) 2-Butanone	4.71	43	408649	100.67	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104521	18.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	87920	19.42	ug/l	98
28) Bromochloromethane	5.02	49	71431	21.58	ug/l	99
29) Tetrahydrofuran	5.17	42	208612	99.99	ug/l	99
30) Chloroform	5.21	83	145522	19.99	ug/l	98
31) Cyclohexane	5.57	56	124482	19.03	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	121783	19.94	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106672	18.97	ug/l	99
37) Ethyl Acetate	4.87	43	124602	20.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	104536	19.53	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123401	18.61	ug/l	99
40) Benzene	6.14	78	334011	19.78	ug/l	100
41) Methacrylonitrile	5.07	41	67512	19.82	ug/l	99
42) 1,2-Dichloroethane	6.20	62	113858	19.94	ug/l	100
43) Isopropyl Acetate	6.47	43	182287	19.58	ug/l	100
44) Trichloroethene	7.21	130	87239	18.89	ug/l	94
45) 1,2-Dichloropropane	7.52	63	84365	19.35	ug/l	99
46) Dibromomethane	7.67	93	55498	19.60	ug/l	99
47) Bromodichloromethane	7.90	83	103217	19.36	ug/l	99
48) Methyl methacrylate	7.78	41	92544	19.56	ug/l	99
49) 1,4-Dioxane	7.76	88	44134	395.95	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	791782	102.62	ug/l	100
52) Toluene	8.79	92	212357	19.90	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114337	18.97	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	127093	19.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	87789	20.14	ug/l	96
56) Ethyl methacrylate	9.18	69	121200	19.16	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145275	19.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	320686	103.10	ug/l	99
59) 2-Hexanone	9.50	43	604016	104.73	ug/l	100
60) Dibromochloromethane	9.59	129	82048	20.18	ug/l	98
61) 1,2-Dibromoethane	9.68	107	88270	20.22	ug/l	100
64) Tetrachloroethene	9.34	164	83261	17.74	ug/l	94
65) Chlorobenzene	10.14	112	235238	18.95	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	82044	19.22	ug/l	98
67) Ethyl Benzene	10.26	91	387914	19.09	ug/l	98
68) m/p-Xylenes	10.36	106	308506	38.85	ug/l	98
69) o-Xylene	10.70	106	144945	19.33	ug/l	95
70) Styrene	10.71	104	246935	20.12	ug/l	97
71) Bromoform	10.86	173	63194	19.36	ug/l	95
73) Isopropylbenzene	11.02	105	382270	20.64	ug/l	95
74) N-amyl acetate	6.47	43	182287	18.92	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	136578	21.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	118657m	21.45	ug/l	
77) Bromobenzene	11.26	156	104617	21.17	ug/l	99
78) n-propylbenzene	11.36	91	442399	21.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	270428	21.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	326238	21.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35760	19.02	ug/l	95
82) 4-Chlorotoluene	11.51	91	312706	21.05	ug/l	99
83) tert-Butylbenzene	11.77	119	318996	21.47	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	340140	22.40	ug/l	100
85) sec-Butylbenzene	11.94	105	366757	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	314930	20.01	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	170516	18.67	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	178703	20.24	ug/l	99
89) n-Butylbenzene	12.39	91	249610	18.20	ug/l	99
90) Hexachloroethane	12.60	117	45465	17.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	170274	18.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24821	19.08	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132233	20.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	60558	21.33	ug/l	99
95) Naphthalene	13.83	128	410880	22.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138931	21.38	ug/l	99

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

