

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072118\
 Data File : VX003549.D
 Acq On : 21 Jul 2018 12:42
 Operator : JC/SP
 Sample : VX0721WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:12 PM

Quant Time: Jul 23 01:53:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186260	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	172592	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
50) Toluene-d8	8.72	98	615207	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.14	95	222883	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57000	22.385	ug/l	100
3) Chloromethane	1.32	50	72869	22.861	ug/l	99
4) Vinyl Chloride	1.40	62	79274	19.802	ug/l	95
5) Bromomethane	1.64	94	40485	24.138	ug/l	84
6) Chloroethane	1.73	64	47778	20.168	ug/l	99
7) Trichlorofluoromethane	1.93	101	104789	19.620	ug/l	95
8) Diethyl Ether	2.18	74	46528	20.283	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67309	19.255	ug/l	98
10) Methyl Iodide	2.51	142	84493	20.120	ug/l	93
11) Tert butyl alcohol	3.06	59	78656	106.556	ug/l	100
12) 1,1-Dichloroethene	2.37	96	65626	20.389	ug/l	84
13) Acrolein	2.29	56	28033	84.051	ug/l	94
14) Allyl chloride	2.73	41	119828	21.030	ug/l	86
15) Acrylonitrile	3.15	53	193280	102.845	ug/l	97
16) Acetone	2.45	43	148144	105.136	ug/l #	81
17) Carbon Disulfide	2.57	76	174407	20.035	ug/l	100
18) Methyl Acetate	2.78	43	97733	22.001	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	227079	21.605	ug/l	100
20) Methylene Chloride	2.86	84	76263	21.644	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	74311	20.750	ug/l	90
22) Diisopropyl ether	3.87	45	230542	21.502	ug/l #	92
23) Vinyl Acetate	3.82	43	953100	107.919	ug/l	96
24) 1,1-Dichloroethane	3.70	63	135113	21.479	ug/l	97
25) 2-Butanone	4.70	43	247807	104.818	ug/l	94
26) 2,2-Dichloropropane	4.58	77	100976	21.134	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	83018	20.819	ug/l	96
28) Bromochloromethane	5.01	49	59666	21.700	ug/l	91
29) Tetrahydrofuran	5.16	42	157497	100.847	ug/l	92
30) Chloroform	5.22	83	130356	21.221	ug/l	95
31) Cyclohexane	5.57	56	115223	20.500	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	109972	20.906	ug/l	98
36) 1,1-Dichloropropene	5.80	75	94724	21.683	ug/l	97
37) Ethyl Acetate	4.85	43	93768	22.682	ug/l #	96
38) Carbon Tetrachloride	5.78	117	98120	22.898	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106038	20.493	ug/l	95
40) Benzene	6.15	78	286581	21.727	ug/l	97
41) Methacrylonitrile	5.05	41	55819	22.974	ug/l	93
42) 1,2-Dichloroethane	6.20	62	93682	22.542	ug/l	97
43) Isopropyl Acetate	6.46	43	137962	20.980	ug/l	94
44) Trichloroethene	7.21	130	81862	20.811	ug/l	99
45) 1,2-Dichloropropane	7.52	63	69945	20.884	ug/l	99
46) Dibromomethane	7.67	93	45839	21.259	ug/l	97
47) Bromodichloromethane	7.90	83	84364	21.372	ug/l	96
48) Methyl methacrylate	7.78	41	70621	21.295	ug/l	85
49) 1,4-Dioxane	7.76	88	30537	406.403	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	448823	108.035	ug/l	92
52) Toluene	8.79	92	175400	21.126	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	104021	21.410	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	93420	21.381	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	70028	21.196	ug/l	99
56) Ethyl methacrylate	9.18	69	96529	20.744	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	116178	21.755	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	235500	104.079	ug/l	98
59) 2-Hexanone	9.50	43	334240	108.586	ug/l	91
60) Dibromochloromethane	9.59	129	67454	20.627	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71907	20.996	ug/l	100
64) Tetrachloroethene	9.34	164	98216	20.555	ug/l	99
65) Chlorobenzene	10.14	112	199372	19.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	69127	19.884	ug/l	99
67) Ethyl Benzene	10.26	91	326429	20.092	ug/l	100
68) m/p-Xylenes	10.36	106	257918	40.494	ug/l	97
69) o-Xylene	10.70	106	121992	19.807	ug/l	96
70) Styrene	10.71	104	204891	20.224	ug/l	97
71) Bromoform	10.86	173	51970	19.240	ug/l #	100
73) Isopropylbenzene	11.02	105	333379	20.758	ug/l	100
74) N-amyl acetate	6.46	43	137962	20.231	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	91033	19.343	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83422m	19.997	ug/l	
77) Bromobenzene	11.26	156	91760	19.865	ug/l	96
78) n-propylbenzene	11.36	91	356240	19.955	ug/l	98
79) 2-Chlorotoluene	11.42	91	215355	19.871	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	267783	20.288	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	25576	18.955	ug/l	94
82) 4-Chlorotoluene	11.51	91	249330	19.634	ug/l	97
83) tert-Butylbenzene	11.77	119	257250	19.902	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	276137	20.561	ug/l	97
85) sec-Butylbenzene	11.95	105	315131	20.072	ug/l	99
86) p-Isopropyltoluene	12.07	119	288393	20.468	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	165782	19.525	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	167398	19.139	ug/l	99
89) n-Butylbenzene	12.39	91	236584	19.774	ug/l	99
90) Hexachloroethane	12.60	117	37349	18.647	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	165635	19.793	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16645	18.174	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120387	19.629	ug/l	99
94) Hexachlorobutadiene	13.79	225	57415	19.465	ug/l	100
95) Naphthalene	13.83	128	319669	19.835	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121308	19.980	ug/l	99

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

