

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004123.D
 Acq On : 17 Aug 2018 11:17
 Operator : JC/MD
 Sample : VX0817WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:04:09 AM

Quant Time: Aug 18 01:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	206677	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	5.50	113	173898	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	8.71	98	670632	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	231262	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57032	19.19	ug/l	100
3) Chloromethane	1.32	50	81528	22.35	ug/l	100
4) Vinyl Chloride	1.40	62	71261	18.06	ug/l	98
5) Bromomethane	1.64	94	37827	18.80	ug/l	96
6) Chloroethane	1.73	64	51103	18.57	ug/l	99
7) Trichlorofluoromethane	1.93	101	102905	18.59	ug/l	99
8) Diethyl Ether	2.18	74	44324	18.34	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65922	19.09	ug/l	100
10) Methyl Iodide	2.51	142	47630	16.63	ug/l	100
11) Tert butyl alcohol	3.04	59	76260	88.02	ug/l	97
12) 1,1-Dichloroethene	2.38	96	58618	18.25	ug/l	98
13) Acrolein	2.29	56	31623	62.39	ug/l	99
14) Allyl chloride	2.73	41	107276	17.55	ug/l	95
15) Acrylonitrile	3.14	53	194081	89.84	ug/l	100
16) Acetone	2.43	43	208341	93.14	ug/l	99
17) Carbon Disulfide	2.57	76	159041	17.45	ug/l	100
18) Methyl Acetate	2.77	43	94383	18.99	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	205979	18.20	ug/l	100
20) Methylene Chloride	2.86	84	71606	19.21	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	65769	18.03	ug/l	97
22) Diisopropyl ether	3.86	45	212632	17.75	ug/l	93
23) Vinyl Acetate	3.82	43	896081	91.09	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125088	18.44	ug/l	98
25) 2-Butanone	4.69	43	326115	89.60	ug/l	98
26) 2,2-Dichloropropane	4.59	77	95151	17.64	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	75597	18.43	ug/l	98
28) Bromochloromethane	5.01	49	59381	19.08	ug/l	98
29) Tetrahydrofuran	5.15	42	160229	86.17	ug/l	98
30) Chloroform	5.21	83	121183	18.30	ug/l	99
31) Cyclohexane	5.57	56	102611	17.25	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	106150	19.19	ug/l	98
36) 1,1-Dichloropropene	5.80	75	93327	19.01	ug/l	100
37) Ethyl Acetate	4.85	43	97451	18.23	ug/l	99
38) Carbon Tetrachloride	5.79	117	91998	19.29	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103317	18.55	ug/l	98
40) Benzene	6.14	78	285101	19.34	ug/l	100
41) Methacrylonitrile	5.06	41	52894	17.67	ug/l	98
42) 1,2-Dichloroethane	6.20	62	98951	19.18	ug/l	99
43) Isopropyl Acetate	6.46	43	140581	17.84	ug/l	99
44) Trichloroethene	7.21	130	77521	19.37	ug/l	96
45) 1,2-Dichloropropane	7.52	63	73988	19.61	ug/l	96
46) Dibromomethane	7.66	93	48661	19.73	ug/l	99
47) Bromodichloromethane	7.90	83	90002	19.27	ug/l	100
48) Methyl methacrylate	7.78	41	73646	18.57	ug/l	98
49) 1,4-Dioxane	7.76	88	33326	373.15	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	626037	96.89	ug/l	100
52) Toluene	8.79	92	185723	19.92	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	96025	19.03	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	107586	19.25	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	75308	19.56	ug/l	99
56) Ethyl methacrylate	9.18	69	96349	18.40	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125837	19.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	258136	96.83	ug/l	99
59) 2-Hexanone	9.49	43	474270	97.53	ug/l	99
60) Dibromochloromethane	9.59	129	70765	19.10	ug/l	99
61) 1,2-Dibromoethane	9.67	107	76981	19.61	ug/l	100
64) Tetrachloroethene	9.34	164	73687	18.89	ug/l	95
65) Chlorobenzene	10.14	112	198180	18.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	70042	19.32	ug/l	97
67) Ethyl Benzene	10.25	91	317761	18.88	ug/l	98
68) m/p-Xylenes	10.36	106	264355	40.11	ug/l	99
69) o-Xylene	10.70	106	118835	18.86	ug/l	98
70) Styrene	10.71	104	194092	18.31	ug/l	100
71) Bromoform	10.86	173	49128	17.09	ug/l #	99
73) Isopropylbenzene	11.02	105	323723	21.44	ug/l	99
74) N-amyl acetate	6.46	43	140581	19.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	107598	20.41	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	95438m	21.33	ug/l	
77) Bromobenzene	11.26	156	88404	21.24	ug/l	100
78) n-propylbenzene	11.36	91	375752	22.24	ug/l	98
79) 2-Chlorotoluene	11.42	91	217659	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	265656	21.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27144	18.78	ug/l	94
82) 4-Chlorotoluene	11.51	91	266288	21.88	ug/l	98
83) tert-Butylbenzene	11.77	119	245859	19.73	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	258852	20.22	ug/l	99
85) sec-Butylbenzene	11.95	105	290419	19.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	263874	19.98	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	150365	18.94	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154585	18.92	ug/l	99
89) n-Butylbenzene	12.39	91	224786	21.60	ug/l	98
90) Hexachloroethane	12.60	117	41107	20.80	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	150784	21.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20391	22.01	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101912	20.83	ug/l	100
94) Hexachlorobutadiene	13.79	225	53661	21.88	ug/l	98
95) Naphthalene	13.83	128	307046	20.38	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	114075	21.38	ug/l	98

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

