

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003400.D
 Acq On : 16 Jul 2018 20:05
 Operator : JC/MD
 Sample : VX0716WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:36 PM

Quant Time: Jul 17 02:13:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	355089	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	504339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	450350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	266322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	230508	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	5.51	113	195636	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.72	98	791463	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	262515	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84146	20.99	ug/l	99
3) Chloromethane	1.33	50	88121	20.32	ug/l	96
4) Vinyl Chloride	1.42	62	99953	21.15	ug/l	94
5) Bromomethane	1.64	94	46945	26.54	ug/l	99
6) Chloroethane	1.73	64	57633	20.66	ug/l	99
7) Trichlorofluoromethane	1.93	101	131014	20.89	ug/l	100
8) Diethyl Ether	2.20	74	54626	20.36	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79323	20.03	ug/l	97
10) Methyl Iodide	2.52	142	73934	17.45	ug/l	93
11) Tert butyl alcohol	3.09	59	109292	104.51	ug/l	100
12) 1,1-Dichloroethene	2.38	96	74683	19.95	ug/l	89
13) Acrolein	2.31	56	45234	90.17	ug/l	99
14) Allyl chloride	2.73	41	139346	20.52	ug/l	87
15) Acrylonitrile	3.16	53	249320	104.06	ug/l	96
16) Acetone	2.46	43	200182	103.50	ug/l	# 89
17) Carbon Disulfide	2.57	76	197412	19.22	ug/l	98
18) Methyl Acetate	2.79	43	145282	23.06	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	253350	20.38	ug/l	97
20) Methylene Chloride	2.87	84	85427	24.07	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	80371	19.88	ug/l	90
22) Diisopropyl ether	3.89	45	270396	20.53	ug/l	92
23) Vinyl Acetate	3.84	43	1090484	100.40	ug/l	97
24) 1,1-Dichloroethane	3.71	63	152962	20.47	ug/l	100
25) 2-Butanone	4.73	43	321779	106.30	ug/l	94
26) 2,2-Dichloropropane	4.59	77	84893	16.19	ug/l	94
27) cis-1,2-Dichloroethene	4.61	96	88730	20.40	ug/l	97
28) Bromochloromethane	5.03	49	65972	20.34	ug/l	89
29) Tetrahydrofuran	5.18	42	198315	103.31	ug/l	90
30) Chloroform	5.23	83	144467	20.98	ug/l	98
31) Cyclohexane	5.58	56	119787	20.76	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	125732	21.47	ug/l	95
36) 1,1-Dichloropropene	5.81	75	103583	20.28	ug/l	97
37) Ethyl Acetate	4.89	43	117410	20.40	ug/l	96
38) Carbon Tetrachloride	5.79	117	107328	20.65	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	116299	19.89	ug/l	95
40) Benzene	6.15	78	333276	21.45	ug/l	99
41) Methacrylonitrile	5.08	41	65629	20.74	ug/l	93
42) 1,2-Dichloroethane	6.21	62	110253	20.69	ug/l	95
43) Isopropyl Acetate	6.48	43	176680	20.34	ug/l	94
44) Trichloroethene	7.22	130	89862	19.96	ug/l	97
45) 1,2-Dichloropropane	7.52	63	83206	20.58	ug/l	99
46) Dibromomethane	7.67	93	54679	20.32	ug/l	96
47) Bromodichloromethane	7.91	83	101006	20.49	ug/l	99
48) Methyl methacrylate	7.79	41	93211	21.03	ug/l	88
49) 1,4-Dioxane	7.77	88	41704	411.03	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	622296	108.84	ug/l	91
52) Toluene	8.79	92	214115	22.01	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	124982	21.48	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	105296	19.83	ug/l	89
55) 1,1,2-Trichloroethane	9.22	97	81250	19.99	ug/l	99
56) Ethyl methacrylate	9.19	69	112780	19.60	ug/l #	88
57) 1,3-Dichloropropane	9.38	76	130998	20.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	312658	108.34	ug/l	97
59) 2-Hexanone	9.51	43	446954	101.74	ug/l	91
60) Dibromochloromethane	9.59	129	78566	19.45	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83316	19.88	ug/l	100
64) Tetrachloroethene	9.34	164	99394	21.10	ug/l	98
65) Chlorobenzene	10.14	112	219348	20.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	77971	20.62	ug/l	98
67) Ethyl Benzene	10.26	91	361705	20.80	ug/l	100
68) m/p-Xylenes	10.37	106	282084	41.94	ug/l	98
69) o-Xylene	10.70	106	136341	21.10	ug/l	97
70) Styrene	10.71	104	226119	21.27	ug/l	98
71) Bromoform	10.86	173	60395	19.85	ug/l	99
73) Isopropylbenzene	11.02	105	373214	21.89	ug/l	99
74) N-amyl acetate	6.48	43	176680	21.54	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	133669	23.75	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	124079m	25.74	ug/l	
77) Bromobenzene	11.26	156	109584	22.63	ug/l	98
78) n-propylbenzene	11.37	91	440209	23.11	ug/l	99
79) 2-Chlorotoluene	11.43	91	267869	22.93	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	304119	21.83	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	31073	20.94	ug/l	93
82) 4-Chlorotoluene	11.51	91	292541	21.47	ug/l	98
83) tert-Butylbenzene	11.77	119	293019	21.52	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	327860	22.91	ug/l	100
85) sec-Butylbenzene	11.95	105	372106	22.53	ug/l	100
86) p-Isopropyltoluene	12.07	119	325287	22.13	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	187608	21.16	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	187569	20.84	ug/l	99
89) n-Butylbenzene	12.39	91	274157	21.89	ug/l	98
90) Hexachloroethane	12.60	117	47628	21.38	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	204256	22.94	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27299	23.31	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136529	22.41	ug/l	98
94) Hexachlorobutadiene	13.79	225	63039	21.50	ug/l	99
95) Naphthalene	13.84	128	433736	24.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	151002	24.10	ug/l	99

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

