

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004386.D
 Acq On : 06 Sep 2018 15:45
 Operator : JC/MD
 Sample : VX0906WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:56 PM

Quant Time: Sep 07 06:36:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	344954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	499140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	468813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	214406	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	5.50	113	186313	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	8.71	98	691864	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	263314	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61473	15.39	ug/l	96
3) Chloromethane	1.32	50	69970	16.04	ug/l	97
4) Vinyl Chloride	1.40	62	82350	18.22	ug/l	98
5) Bromomethane	1.63	94	43048	18.03	ug/l	99
6) Chloroethane	1.71	64	65636	19.67	ug/l	100
7) Trichlorofluoromethane	1.92	101	117742	19.01	ug/l	96
8) Diethyl Ether	2.18	74	54162	20.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75017	19.34	ug/l	99
10) Methyl Iodide	2.51	142	72143	19.34	ug/l	99
11) Tert butyl alcohol	3.07	59	107868	112.55	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70058	19.17	ug/l	99
13) Acrolein	2.29	56	17500	75.74	ug/l	97
14) Allyl chloride	2.72	41	137082	20.42	ug/l	97
15) Acrylonitrile	3.15	53	254403	107.19	ug/l	100
16) Acetone	2.45	43	213771	112.02	ug/l	98
17) Carbon Disulfide	2.56	76	166647	16.96	ug/l	100
18) Methyl Acetate	2.78	43	184944	27.72	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	253901	21.08	ug/l	98
20) Methylene Chloride	2.85	84	85672	19.79	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	75494	18.66	ug/l	99
22) Diisopropyl ether	3.87	45	259704	20.72	ug/l	99
23) Vinyl Acetate	3.82	43	967004	95.17	ug/l	99
24) 1,1-Dichloroethane	3.69	63	150339	20.58	ug/l	98
25) 2-Butanone	4.70	43	331427	108.40	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109359	19.09	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	89776	19.57	ug/l	99
28) Bromochloromethane	5.01	49	67236	20.79	ug/l	99
29) Tetrahydrofuran	5.16	42	207337	107.33	ug/l	100
30) Chloroform	5.21	83	147648	20.16	ug/l	100
31) Cyclohexane	5.57	56	119114	18.90	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	120553	19.74	ug/l	99
36) 1,1-Dichloropropene	5.79	75	106101	18.91	ug/l	99
37) Ethyl Acetate	4.86	43	113234	20.52	ug/l	99
38) Carbon Tetrachloride	5.78	117	102929	19.50	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	118524	18.50	ug/l	99
40) Benzene	6.14	78	335508	20.01	ug/l	99
41) Methacrylonitrile	5.06	41	67696	21.16	ug/l	100
42) 1,2-Dichloroethane	6.20	62	113651	19.87	ug/l	99
43) Isopropyl Acetate	6.46	43	176630	20.83	ug/l	99
44) Trichloroethene	7.21	130	89770	19.34	ug/l	100
45) 1,2-Dichloropropane	7.51	63	87375	20.82	ug/l	99
46) Dibromomethane	7.66	93	55898	20.00	ug/l	99
47) Bromodichloromethane	7.90	83	104599	20.12	ug/l	99
48) Methyl methacrylate	7.78	41	93916	20.70	ug/l	98
49) 1,4-Dioxane	7.76	88	45955	446.07	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	629839	102.22	ug/l	100
52) Toluene	8.79	92	212076	20.21	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114596	19.96	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	128270	20.51	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	88918	20.99	ug/l	99
56) Ethyl methacrylate	9.18	69	119906	20.79	ug/l	99
57) 1,3-Dichloropropane	9.37	76	148704	20.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	308070	104.24	ug/l	100
59) 2-Hexanone	9.50	43	481255	102.38	ug/l	99
60) Dibromochloromethane	9.59	129	83345	20.19	ug/l	100
61) 1,2-Dibromoethane	9.67	107	89049	20.31	ug/l	100
64) Tetrachloroethene	9.34	164	96412	20.82	ug/l	99
65) Chlorobenzene	10.14	112	224784	19.10	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	80499	19.84	ug/l	99
67) Ethyl Benzene	10.26	91	375989	19.68	ug/l	96
68) m/p-Xylenes	10.36	106	309675	41.45	ug/l	96
69) o-Xylene	10.70	106	147563	20.88	ug/l	100
70) Styrene	10.71	104	243529	21.28	ug/l	99
71) Bromoform	10.86	173	64160	19.61	ug/l #	99
73) Isopropylbenzene	11.02	105	403125	22.76	ug/l	100
74) N-amyl acetate	10.90	43	147369	21.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	135366	21.84	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	121621m	22.18	ug/l	
77) Bromobenzene	11.26	156	109172	21.98	ug/l	98
78) n-propylbenzene	11.36	91	457776	22.48	ug/l	99
79) 2-Chlorotoluene	11.42	91	275721	21.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	331915	22.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35265	20.87	ug/l	99
82) 4-Chlorotoluene	11.51	91	318851	21.61	ug/l	99
83) tert-Butylbenzene	11.77	119	331026	22.44	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	346659	23.03	ug/l	99
85) sec-Butylbenzene	11.94	105	410022	23.41	ug/l	100
86) p-Isopropyltoluene	12.07	119	350664	22.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	192621	20.60	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194383	19.71	ug/l	99
89) n-Butylbenzene	12.39	91	275165	21.56	ug/l	99
90) Hexachloroethane	12.60	117	45707	20.83	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182619	21.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22869	20.95	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140282	22.56	ug/l	98
94) Hexachlorobutadiene	13.79	225	73219	25.24	ug/l	97
95) Naphthalene	13.83	128	427378	24.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148114	22.50	ug/l	99

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

