

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004590.D
 Acq On : 15 Sep 2018 17:47
 Operator : JC/MD
 Sample : VX0915WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:27 PM

Quant Time: Sep 17 08:43:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180455	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145568	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
35) Dibromofluoromethane	5.51	113	140611	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	484767	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	173830	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	45755	20.30	ug/l	96
3) Chloromethane	1.32	50	60579	19.53	ug/l	98
4) Vinyl Chloride	1.40	62	62092	19.50	ug/l	100
5) Bromomethane	1.64	94	25575	18.44	ug/l	97
6) Chloroethane	1.72	64	42323	20.56	ug/l	93
7) Trichlorofluoromethane	1.93	101	83886	19.88	ug/l	99
8) Diethyl Ether	2.19	74	38087	20.13	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52033	19.44	ug/l	96
10) Methyl Iodide	2.51	142	31047	13.13	ug/l	99
11) Tert butyl alcohol	3.07	59	73037	98.71	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51613	20.54	ug/l	88
13) Acrolein	2.29	56	53939	184.68	ug/l	99
14) Allyl chloride	2.73	41	99916	19.34	ug/l	95
15) Acrylonitrile	3.15	53	178761	100.33	ug/l	100
16) Acetone	2.45	43	140370	92.75	ug/l	98
17) Carbon Disulfide	2.56	76	142342	19.60	ug/l	99
18) Methyl Acetate	2.78	43	84996	20.02	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	177825	20.17	ug/l	100
20) Methylene Chloride	2.86	84	61413	19.78	ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	54947	19.79	ug/l	98
22) Diisopropyl ether	3.87	45	184182	19.80	ug/l	98
23) Vinyl Acetate	3.82	43	754906	100.26	ug/l	95
24) 1,1-Dichloroethane	3.70	63	101502	19.32	ug/l	99
25) 2-Butanone	4.70	43	220229	91.44	ug/l	91
26) 2,2-Dichloropropane	4.58	77	66012	18.30	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	62911	20.30	ug/l	99
28) Bromochloromethane	5.02	49	52848	22.00	ug/l	97
29) Tetrahydrofuran	5.16	42	140010	96.39	ug/l	99
30) Chloroform	5.21	83	108370	21.13	ug/l	92
31) Cyclohexane	5.58	56	93494	20.84	ug/l	# 82
32) 1,1,1-Trichloroethane	5.49	97	84258	20.40	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76480	19.92	ug/l	99
37) Ethyl Acetate	4.85	43	82551	18.91	ug/l	99
38) Carbon Tetrachloride	5.78	117	72012	19.21	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79410	19.82	ug/l	96
40) Benzene	6.15	78	220257	19.34	ug/l	97
41) Methacrylonitrile	5.07	41	46429	19.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	72442	19.18	ug/l	97
43) Isopropyl Acetate	6.46	43	110855	19.12	ug/l	99
44) Trichloroethene	7.21	130	58061	19.62	ug/l	95
45) 1,2-Dichloropropane	7.52	63	56344	20.56	ug/l	99
46) Dibromomethane	7.66	93	34773	20.08	ug/l	98
47) Bromodichloromethane	7.90	83	65921	20.13	ug/l	99
48) Methyl methacrylate	7.78	41	57222	19.94	ug/l	97
49) 1,4-Dioxane	7.76	88	27238	400.99	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	379665	92.77	ug/l	98
52) Toluene	8.79	92	133496	19.89	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69725	18.23	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	79294	20.34	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	54511	18.86	ug/l	97
56) Ethyl methacrylate	9.18	69	76231	18.65	ug/l	98
57) 1,3-Dichloropropane	9.37	76	89697	19.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	194547	97.97	ug/l	96
59) 2-Hexanone	9.50	43	286687	91.33	ug/l	98
60) Dibromochloromethane	9.59	129	52728	19.38	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55728	20.19	ug/l	100
64) Tetrachloroethene	9.34	164	67189	17.90	ug/l	98
65) Chlorobenzene	10.14	112	148877	19.93	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	51705	20.07	ug/l	99
67) Ethyl Benzene	10.26	91	247502	20.38	ug/l	99
68) m/p-Xylenes	10.36	106	193059	41.26	ug/l	97
69) o-Xylene	10.70	106	93419	20.77	ug/l	100
70) Styrene	10.71	104	155426	20.86	ug/l	99
71) Bromoform	10.86	173	40774	19.28	ug/l #	100
73) Isopropylbenzene	11.02	105	251793	21.19	ug/l	100
74) N-amyl acetate	10.90	43	99024	19.80	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	78738	20.54	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	72338m	19.92	ug/l	
77) Bromobenzene	11.26	156	67803	20.64	ug/l	99
78) n-propylbenzene	11.36	91	285851	20.92	ug/l	100
79) 2-Chlorotoluene	11.42	91	170914	20.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	210694	21.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19898	17.47	ug/l	97
82) 4-Chlorotoluene	11.51	91	199671	20.64	ug/l	100
83) tert-Butylbenzene	11.77	119	201251	21.16	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	217234	21.30	ug/l	100
85) sec-Butylbenzene	11.94	105	254173	20.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	224643	20.99	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	123516	20.15	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124437	19.65	ug/l	98
89) n-Butylbenzene	12.39	91	189521	19.43	ug/l	97
90) Hexachloroethane	12.60	117	32935	19.22	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	124348	20.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16472	20.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88790	20.21	ug/l	98
94) Hexachlorobutadiene	13.79	225	46327	20.19	ug/l	98
95) Naphthalene	13.83	128	258746	21.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91972	20.38	ug/l	99

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

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