

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004819.D
 Acq On : 28 Sep 2018 14:18
 Operator : JC/MD
 Sample : VX0928WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:28 PM

Quant Time: Sep 29 06:46:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175333	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.50	113	140475	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
50) Toluene-d8	8.72	98	539028	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.14	95	196734	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77297	22.874	ug/l	99
3) Chloromethane	1.32	50	84803	20.685	ug/l	98
4) Vinyl Chloride	1.40	62	84396	21.948	ug/l	100
5) Bromomethane	1.64	94	41262	18.096	ug/l	99
6) Chloroethane	1.72	64	49118	22.142	ug/l	98
7) Trichlorofluoromethane	1.93	101	106116	22.292	ug/l	98
8) Diethyl Ether	2.19	74	43129	20.855	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58805	21.686	ug/l	97
10) Methyl Iodide	2.51	142	44528	12.271	ug/l	99
11) Tert butyl alcohol	3.07	59	110523	111.647	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57105	21.265	ug/l	95
13) Acrolein	2.29	56	55121	78.260	ug/l	96
14) Allyl chloride	2.73	41	128009	21.847	ug/l	94
15) Acrylonitrile	3.15	53	232969	106.905	ug/l	99
16) Acetone	2.45	43	212452	102.785	ug/l	97
17) Carbon Disulfide	2.57	76	161316	19.991	ug/l	99
18) Methyl Acetate	2.78	43	118064	22.545	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	205917	22.230	ug/l	96
20) Methylene Chloride	2.85	84	65517	21.319	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60831	20.693	ug/l	95
22) Diisopropyl ether	3.87	45	210518	21.336	ug/l	93
23) Vinyl Acetate	3.82	43	938595	103.924	ug/l	95
24) 1,1-Dichloroethane	3.70	63	116311	19.762	ug/l	98
25) 2-Butanone	4.70	43	311500	102.240	ug/l	94
26) 2,2-Dichloropropane	4.59	77	85571	20.879	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66058	20.115	ug/l	94
28) Bromochloromethane	5.02	49	54931	19.819	ug/l	88
29) Tetrahydrofuran	5.16	42	202626	107.002	ug/l	92
30) Chloroform	5.21	83	110421	19.851	ug/l	95
31) Cyclohexane	5.57	56	99863	22.169	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	92934	20.458	ug/l	98
36) 1,1-Dichloropropene	5.80	75	81908	18.882	ug/l	100
37) Ethyl Acetate	4.85	43	109484	19.013	ug/l	98
38) Carbon Tetrachloride	5.78	117	80709	17.699	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93047	21.006	ug/l	94
40) Benzene	6.14	78	250528	18.447	ug/l	99
41) Methacrylonitrile	5.06	41	60994	19.100	ug/l	97
42) 1,2-Dichloroethane	6.20	62	90786	18.910	ug/l	97
43) Isopropyl Acetate	6.46	43	160335	19.292	ug/l	95
44) Trichloroethene	7.21	130	66017	19.774	ug/l	89
45) 1,2-Dichloropropane	7.52	63	68183	20.473	ug/l	99
46) Dibromomethane	7.66	93	42456	20.284	ug/l	96
47) Bromodichloromethane	7.90	83	80494	20.541	ug/l	96
48) Methyl methacrylate	7.78	41	82472	21.862	ug/l	95
49) 1,4-Dioxane	7.76	88	39363	420.011	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	575137	109.904	ug/l	93
52) Toluene	8.79	92	157086	21.050	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87120	19.673	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	98585	21.254	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64976	19.878	ug/l	96
56) Ethyl methacrylate	9.18	69	97380	20.170	ug/l	95
57) 1,3-Dichloropropane	9.37	76	109187	20.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	274679	106.210	ug/l	93
59) 2-Hexanone	9.49	43	450164	103.229	ug/l	93
60) Dibromochloromethane	9.59	129	64043	19.591	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66220	18.916	ug/l	100
64) Tetrachloroethene	9.34	164	62036	17.745	ug/l	98
65) Chlorobenzene	10.14	112	173892	19.091	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	59729	18.652	ug/l	100
67) Ethyl Benzene	10.25	91	286719	19.827	ug/l	96
68) m/p-Xylenes	10.36	106	227682	40.291	ug/l	95
69) o-Xylene	10.70	106	108520	20.908	ug/l	97
70) Styrene	10.71	104	181311	20.018	ug/l	97
71) Bromoform	10.86	173	49659	18.114	ug/l #	97
73) Isopropylbenzene	11.02	105	293312	21.884	ug/l	99
74) N-amyl acetate	10.90	43	138023	19.828	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	104391	19.133	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	96285m	20.202	ug/l	
77) Bromobenzene	11.26	156	78737	20.225	ug/l	97
78) n-propylbenzene	11.36	91	336800	21.901	ug/l	99
79) 2-Chlorotoluene	11.42	91	202424	21.117	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	246978	19.986	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	27852	17.292	ug/l	97
82) 4-Chlorotoluene	11.51	91	239212	21.202	ug/l	98
83) tert-Butylbenzene	11.77	119	239381	21.693	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	254822	19.996	ug/l	98
85) sec-Butylbenzene	11.94	105	293727	21.853	ug/l	98
86) p-Isopropyltoluene	12.07	119	260414	21.384	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	143490	19.739	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146158	19.477	ug/l	98
89) n-Butylbenzene	12.39	91	228143	20.628	ug/l	96
90) Hexachloroethane	12.60	117	39551	19.507	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	144138	18.973	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24195	20.197	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	103375	19.398	ug/l	100
94) Hexachlorobutadiene	13.79	225	51260	18.550	ug/l	96
95) Naphthalene	13.83	128	327824	18.987	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107749	19.573	ug/l	98

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

