

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004817.D
 Acq On : 28 Sep 2018 13:25
 Operator : JC/MD
 Sample : VX0928WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:27 PM

Quant Time: Sep 29 06:43:54 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	260671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180270	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	144582	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
50) Toluene-d8	8.72	98	559858	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	207261	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78570	22.106	ug/l	98
3) Chloromethane	1.32	50	82085	19.036	ug/l	99
4) Vinyl Chloride	1.40	62	82486	20.396	ug/l	98
5) Bromomethane	1.64	94	37926	15.814	ug/l	98
6) Chloroethane	1.72	64	47818	20.314	ug/l	98
7) Trichlorofluoromethane	1.93	101	106343	21.240	ug/l	96
8) Diethyl Ether	2.19	74	41958	19.290	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60928	21.363	ug/l	98
10) Methyl Iodide	2.51	142	43684	11.446	ug/l	99
11) Tert butyl alcohol	3.07	59	104815	100.670	ug/l	98
12) 1,1-Dichloroethene	2.37	96	56958	20.166	ug/l	96
13) Acrolein	2.29	56	52551	70.939	ug/l	97
14) Allyl chloride	2.73	41	123964	20.115	ug/l	96
15) Acrylonitrile	3.15	53	217299	94.806	ug/l	98
16) Acetone	2.45	43	212619	97.803	ug/l	97
17) Carbon Disulfide	2.57	76	157164	18.518	ug/l	98
18) Methyl Acetate	2.78	43	111699	20.280	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	205698	21.113	ug/l	96
20) Methylene Chloride	2.85	84	65708	20.289	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	61650	19.939	ug/l	98
22) Diisopropyl ether	3.87	45	211040	20.336	ug/l	95
23) Vinyl Acetate	3.82	43	919894	96.840	ug/l	95
24) 1,1-Dichloroethane	3.70	63	113795	18.383	ug/l	98
25) 2-Butanone	4.70	43	302881	94.518	ug/l	95
26) 2,2-Dichloropropane	4.59	77	87732	20.352	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	65859	19.067	ug/l	94
28) Bromochloromethane	5.02	49	52446	17.991	ug/l	90
29) Tetrahydrofuran	5.16	42	192973	96.889	ug/l	92
30) Chloroform	5.21	83	110272	18.848	ug/l	99
31) Cyclohexane	5.57	56	104109	21.974	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	92184	19.294	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83956	18.876	ug/l	99
37) Ethyl Acetate	4.86	43	106052	17.963	ug/l	98
38) Carbon Tetrachloride	5.78	117	81125	17.351	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100824	22.200	ug/l	97
40) Benzene	6.14	78	252040	18.100	ug/l	99
41) Methacrylonitrile	5.06	41	58844	17.972	ug/l	95
42) 1,2-Dichloroethane	6.20	62	88628	18.005	ug/l	97
43) Isopropyl Acetate	6.46	43	156547	18.371	ug/l	96
44) Trichloroethene	7.21	130	66885	19.539	ug/l	92
45) 1,2-Dichloropropane	7.52	63	69068	20.226	ug/l	98
46) Dibromomethane	7.66	93	42202	19.665	ug/l	98
47) Bromodichloromethane	7.90	83	78240	19.472	ug/l	99
48) Methyl methacrylate	7.77	41	82385	21.300	ug/l	93
49) 1,4-Dioxane	7.76	88	36486	379.699	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	555802	103.586	ug/l	94
52) Toluene	8.79	92	157890	20.635	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87234	19.212	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	98891	20.794	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	64744	19.317	ug/l	96
56) Ethyl methacrylate	9.18	69	97174	19.706	ug/l	95
57) 1,3-Dichloropropane	9.37	76	109024	19.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	271671	102.956	ug/l	94
59) 2-Hexanone	9.50	43	437268	97.796	ug/l	93
60) Dibromochloromethane	9.59	129	60874	18.161	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66284	18.467	ug/l	100
64) Tetrachloroethene	9.34	164	64759	18.267	ug/l	98
65) Chlorobenzene	10.14	112	176040	19.060	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	59734	18.396	ug/l	99
67) Ethyl Benzene	10.26	91	292239	19.929	ug/l	98
68) m/p-Xylenes	10.36	106	232082	40.502	ug/l	96
69) o-Xylene	10.70	106	109490	20.803	ug/l	96
70) Styrene	10.71	104	183781	20.011	ug/l	97
71) Bromoform	10.86	173	47196	16.978	ug/l	97
73) Isopropylbenzene	11.02	105	301361	21.771	ug/l	100
74) N-amyl acetate	10.90	43	136869	19.108	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	103377	18.346	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93379m	18.971	ug/l	
77) Bromobenzene	11.26	156	80048	19.909	ug/l	97
78) n-propylbenzene	11.36	91	349344	21.996	ug/l	99
79) 2-Chlorotoluene	11.42	91	205746	20.783	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	253372	19.852	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	27004	16.356	ug/l	97
82) 4-Chlorotoluene	11.51	91	245946	21.107	ug/l	98
83) tert-Butylbenzene	11.77	119	247960	21.757	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	264498	20.097	ug/l	97
85) sec-Butylbenzene	11.94	105	305796	22.029	ug/l	98
86) p-Isopropyltoluene	12.07	119	276137	21.956	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	147323	19.623	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150017	19.357	ug/l	98
89) n-Butylbenzene	12.39	91	244788	21.431	ug/l	97
90) Hexachloroethane	12.60	117	39990	19.097	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	147165	18.757	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22825	18.449	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	108986	19.802	ug/l	100
94) Hexachlorobutadiene	13.79	225	56129	19.667	ug/l	96
95) Naphthalene	13.83	128	338202	18.967	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114466	20.133	ug/l	98

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

