

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004673.D
 Acq On : 18 Sep 2018 22:56
 Operator : JC/MD
 Sample : VX0918WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:51:30 PM

Quant Time: Sep 19 07:24:40 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	5.66	168	266145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164312	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	5.50	113	144200	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	495330	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	180151	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47163	18.91	ug/l	99
3) Chloromethane	1.32	50	62484	18.20	ug/l	99
4) Vinyl Chloride	1.40	62	66737	18.94	ug/l	96
5) Bromomethane	1.64	94	33120	21.78	ug/l	99
6) Chloroethane	1.72	64	40623	17.83	ug/l	98
7) Trichlorofluoromethane	1.93	101	86923	18.61	ug/l	98
8) Diethyl Ether	2.19	74	40879	19.52	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55069	18.59	ug/l	93
10) Methyl Iodide	2.51	142	53654	18.12	ug/l	96
11) Tert butyl alcohol	3.07	59	87607	106.99	ug/l	98
12) 1,1-Dichloroethene	2.37	96	52818	18.99	ug/l	97
13) Acrolein	2.29	56	16530	51.14	ug/l	95
14) Allyl chloride	2.73	41	102861	17.99	ug/l	95
15) Acrylonitrile	3.15	53	187918	95.30	ug/l	99
16) Acetone	2.45	43	144692	86.39	ug/l	91
17) Carbon Disulfide	2.57	76	137873	17.15	ug/l	99
18) Methyl Acetate	2.78	43	95796	20.39	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	201125	20.61	ug/l	99
20) Methylene Chloride	2.85	84	62924	18.31	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60773	19.78	ug/l	89
22) Diisopropyl ether	3.87	45	199917	19.41	ug/l	92
23) Vinyl Acetate	3.82	43	790433	94.86	ug/l	98
24) 1,1-Dichloroethane	3.70	63	111177	19.12	ug/l	98
25) 2-Butanone	4.70	43	230052	86.30	ug/l	93
26) 2,2-Dichloropropane	4.59	77	66408	16.63	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	67008	19.53	ug/l	98
28) Bromochloromethane	5.01	49	49929	18.78	ug/l	97
29) Tetrahydrofuran	5.15	42	152646	94.96	ug/l	98
30) Chloroform	5.21	83	106615	18.78	ug/l	99
31) Cyclohexane	5.57	56	97023	19.55	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	89700	19.62	ug/l	99
36) 1,1-Dichloropropene	5.79	75	80641	18.92	ug/l	98
37) Ethyl Acetate	4.85	43	86395	17.82	ug/l	98
38) Carbon Tetrachloride	5.78	117	74528	17.90	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81952	18.42	ug/l	98
40) Benzene	6.14	78	239725	18.95	ug/l	95
41) Methacrylonitrile	5.06	41	48824	18.28	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76807	18.31	ug/l	100
43) Isopropyl Acetate	6.46	43	118245	18.36	ug/l	100
44) Trichloroethene	7.21	130	65213	19.85	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57920	19.03	ug/l	100
46) Dibromomethane	7.66	93	36193	18.83	ug/l	98
47) Bromodichloromethane	7.90	83	67509	18.57	ug/l	98
48) Methyl methacrylate	7.77	41	58933	18.49	ug/l	95
49) 1,4-Dioxane	7.76	88	31114	412.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	389682	85.76	ug/l	100
52) Toluene	8.79	92	138529	18.59	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	72369	17.04	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	81759	18.88	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	56423	17.59	ug/l	99
56) Ethyl methacrylate	9.18	69	81950	18.06	ug/l	96
57) 1,3-Dichloropropane	9.37	76	92739	17.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	214000	97.12	ug/l	98
59) 2-Hexanone	9.50	43	297143	85.25	ug/l	99
60) Dibromochloromethane	9.59	129	54278	17.97	ug/l	100
61) 1,2-Dibromoethane	9.67	107	57953	18.91	ug/l	100
64) Tetrachloroethene	9.34	164	79174	19.91	ug/l	99
65) Chlorobenzene	10.14	112	154878	19.58	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	54730	20.06	ug/l	99
67) Ethyl Benzene	10.25	91	257257	20.00	ug/l	98
68) m/p-Xylenes	10.36	106	204569	41.29	ug/l	100
69) o-Xylene	10.70	106	97244	20.41	ug/l	98
70) Styrene	10.71	104	162223	20.56	ug/l	99
71) Bromoform	10.86	173	42850	19.13	ug/l #	100
73) Isopropylbenzene	11.02	105	265666	18.51	ug/l	100
74) N-amyl acetate	10.90	43	101053	16.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74580	16.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76252m	17.39	ug/l	
77) Bromobenzene	11.26	156	72305	18.22	ug/l	99
78) n-propylbenzene	11.36	91	300077	18.18	ug/l	100
79) 2-Chlorotoluene	11.42	91	185438	18.52	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	235632	19.53	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21316	15.49	ug/l	98
82) 4-Chlorotoluene	11.51	91	230277	19.71	ug/l	99
83) tert-Butylbenzene	11.77	119	254363	22.14	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	278279	22.59	ug/l	98
85) sec-Butylbenzene	11.94	105	326772	22.32	ug/l	97
86) p-Isopropyltoluene	12.07	119	264187	20.43	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	150612	20.34	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	144182	18.85	ug/l	96
89) n-Butylbenzene	12.39	91	225315	19.12	ug/l	99
90) Hexachloroethane	12.60	117	40146	19.40	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	151788	20.26	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19562	19.79	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115937	21.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	56784	20.49	ug/l	95
95) Naphthalene	13.83	128	335875	22.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	119479	21.92	ug/l	97

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

