

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004926.D
 Acq On : 02 Oct 2018 18:34
 Operator : JC/MD
 Sample : VX1003WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Manual Integrations
 APPROVED

sam
 10/3/2018 5:56:40 PM

Quant Time: Oct 03 05:31:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150043	66.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.20%	
35) Dibromofluoromethane	5.50	113	118119	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	418081	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	157235	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36806	16.987	ug/l	97
3) Chloromethane	1.32	50	60426	22.987	ug/l	100
4) Vinyl Chloride	1.40	62	51517	20.895	ug/l	98
5) Bromomethane	1.64	94	31790	21.744	ug/l	93
6) Chloroethane	1.71	64	34519	24.504	ug/l	97
7) Trichlorofluoromethane	1.92	101	57527	18.848	ug/l	96
8) Diethyl Ether	2.19	74	36051	27.188	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29268	16.834	ug/l	98
10) Methyl Iodide	2.51	142	32674	14.044	ug/l	91
11) Tert butyl alcohol	3.08	59	100477	158.302	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35770	20.774	ug/l	93
13) Acrolein	2.29	56	33416	73.995	ug/l	93
14) Allyl chloride	2.72	41	99206	26.406	ug/l	97
15) Acrylonitrile	3.15	53	215720	154.388	ug/l	97
16) Acetone	2.45	43	197289	148.866	ug/l	94
17) Carbon Disulfide	2.56	76	99603	19.251	ug/l	99
18) Methyl Acetate	2.78	43	122122	36.370	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	177421	29.873	ug/l	96
20) Methylene Chloride	2.85	84	54978	28.165	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	43774	23.224	ug/l	86
22) Diisopropyl ether	3.87	45	172197	27.219	ug/l	96
23) Vinyl Acetate	3.82	43	815882	140.892	ug/l	98
24) 1,1-Dichloroethane	3.70	63	95758	25.375	ug/l	99
25) 2-Butanone	4.71	43	288753	147.813	ug/l	95
26) 2,2-Dichloropropane	4.58	77	58906	22.416	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	51545	24.480	ug/l	94
28) Bromochloromethane	5.02	49	44159	24.849	ug/l	96
29) Tetrahydrofuran	5.16	42	188047	154.877	ug/l	98
30) Chloroform	5.21	83	90155	25.278	ug/l	97
31) Cyclohexane	5.57	56	51272	17.752	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	63569	21.825	ug/l	96
36) 1,1-Dichloropropene	5.80	75	51090	15.482	ug/l	95
37) Ethyl Acetate	4.86	43	100977	23.052	ug/l	98
38) Carbon Tetrachloride	5.78	117	50733	14.626	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44114	13.092	ug/l	89
40) Benzene	6.14	78	194221	18.800	ug/l	95
41) Methacrylonitrile	5.06	41	55221	22.732	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76191	20.862	ug/l	98
43) Isopropyl Acetate	6.47	43	141804	22.429	ug/l	97
44) Trichloroethene	7.21	130	47456	18.686	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54162	21.378	ug/l	96
46) Dibromomethane	7.66	93	36947	23.205	ug/l	98
47) Bromodichloromethane	7.90	83	68484	22.973	ug/l	98
48) Methyl methacrylate	7.78	41	72854	25.388	ug/l	98
49) 1,4-Dioxane	7.76	88	36651	514.096	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	524686	131.803	ug/l	99
52) Toluene	8.79	92	119154	20.990	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74256	22.043	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	81800	23.183	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	55919	22.488	ug/l	93
56) Ethyl methacrylate	9.18	69	84623	22.634	ug/l	99
57) 1,3-Dichloropropane	9.37	76	94083	22.734	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	238084	119.033	ug/l	99
59) 2-Hexanone	9.50	43	419122	126.345	ug/l	94
60) Dibromochloromethane	9.59	129	55102	22.158	ug/l	97
61) 1,2-Dibromoethane	9.67	107	58353	21.912	ug/l	96
64) Tetrachloroethene	9.34	164	43428	15.505	ug/l	96
65) Chlorobenzene	10.14	112	135928	18.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	51188	19.952	ug/l	98
67) Ethyl Benzene	10.26	91	208292	17.978	ug/l	95
68) m/p-Xylenes	10.36	106	166917	36.868	ug/l	96
69) o-Xylene	10.70	106	83331	20.039	ug/l	100
70) Styrene	10.71	104	143347	19.782	ug/l	99
71) Bromoform	10.86	173	44502	20.261	ug/l #	96
73) Isopropylbenzene	11.02	105	203083	19.315	ug/l	99
74) N-amyl acetate	10.90	43	122205	22.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94381	22.051	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	85323m	22.821	ug/l	
77) Bromobenzene	11.26	156	65012	21.288	ug/l	99
78) n-propylbenzene	11.36	91	229989	19.064	ug/l	98
79) 2-Chlorotoluene	11.42	91	158179	21.035	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	178160	18.362	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24471	19.129	ug/l	97
82) 4-Chlorotoluene	11.51	91	180182	20.357	ug/l	100
83) tert-Butylbenzene	11.77	119	164880	19.046	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	186974	18.690	ug/l	100
85) sec-Butylbenzene	11.94	105	184534	17.501	ug/l	100
86) p-Isopropyltoluene	12.07	119	169420	17.734	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	112650	19.754	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	114940	19.525	ug/l	99
89) n-Butylbenzene	12.39	91	137207	15.814	ug/l	100
90) Hexachloroethane	12.60	117	27193	17.096	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	117430	19.705	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21966	23.374	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	79706	19.066	ug/l	99
94) Hexachlorobutadiene	13.79	225	29576	13.643	ug/l	99
95) Naphthalene	13.83	128	280701	20.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86129	19.944	ug/l	99

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

