

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004924.D
 Acq On : 02 Oct 2018 17:40
 Operator : JC/MD
 Sample : VX1003WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Manual Integrations
 APPROVED

sam
 10/3/2018 5:56:35 PM

Quant Time: Oct 03 05:22:55 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	227660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168067	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	136255	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	8.72	98	509416	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.14	95	184058	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66454	21.409	ug/l	100
3) Chloromethane	1.32	50	73714	19.574	ug/l	100
4) Vinyl Chloride	1.40	62	72929	20.647	ug/l	99
5) Bromomethane	1.64	94	37615	17.959	ug/l	95
6) Chloroethane	1.72	64	42821	20.890	ug/l	97
7) Trichlorofluoromethane	1.93	101	93712	21.431	ug/l	96
8) Diethyl Ether	2.19	74	38368	20.197	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52364	21.023	ug/l	99
10) Methyl Iodide	2.51	142	40118	12.036	ug/l	91
11) Tert butyl alcohol	3.08	59	107126	117.808	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50165	20.336	ug/l	94
13) Acrolein	2.29	56	35375	54.677	ug/l	89
14) Allyl chloride	2.73	41	115540	21.467	ug/l	95
15) Acrylonitrile	3.15	53	217354	108.581	ug/l	97
16) Acetone	2.45	43	208632	109.884	ug/l	93
17) Carbon Disulfide	2.57	76	139860	18.868	ug/l	99
18) Methyl Acetate	2.78	43	118471	24.628	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	191347	22.488	ug/l	96
20) Methylene Chloride	2.85	84	59766	21.166	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	54165	20.059	ug/l	87
22) Diisopropyl ether	3.87	45	193248	21.322	ug/l	97
23) Vinyl Acetate	3.82	43	865118	104.279	ug/l	98
24) 1,1-Dichloroethane	3.70	63	111665	20.654	ug/l	99
25) 2-Butanone	4.71	43	301045	107.567	ug/l	97
26) 2,2-Dichloropropane	4.58	77	79199	21.037	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	59377	19.683	ug/l	92
28) Bromochloromethane	5.02	49	51879	20.377	ug/l	98
29) Tetrahydrofuran	5.16	42	191982	110.368	ug/l	97
30) Chloroform	5.21	83	102548	20.070	ug/l	100
31) Cyclohexane	5.57	56	87422	21.127	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	85401	20.466	ug/l	97
36) 1,1-Dichloropropene	5.80	75	72881	18.154	ug/l	94
37) Ethyl Acetate	4.86	43	104118	19.538	ug/l	98
38) Carbon Tetrachloride	5.78	117	73062	17.313	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81435	19.866	ug/l #	85
40) Benzene	6.14	78	229712	18.277	ug/l	96
41) Methacrylonitrile	5.06	41	57657	19.510	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82273	18.518	ug/l	97
43) Isopropyl Acetate	6.46	43	146422	19.037	ug/l	97
44) Trichloroethene	7.21	130	59463	19.246	ug/l	92
45) 1,2-Dichloropropane	7.52	63	62297	20.212	ug/l	97
46) Dibromomethane	7.66	93	38799	20.031	ug/l	99
47) Bromodichloromethane	7.90	83	74773	20.618	ug/l	99
48) Methyl methacrylate	7.78	41	77193	22.112	ug/l	100
49) 1,4-Dioxane	7.76	88	37155	428.397	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	537911	111.073	ug/l	99
52) Toluene	8.79	92	142293	20.604	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81935	19.993	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	91217	21.250	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60428	19.976	ug/l	96
56) Ethyl methacrylate	9.18	69	90017	20.150	ug/l	98
57) 1,3-Dichloropropane	9.37	76	99629	19.789	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	250053	104.711	ug/l	100
59) 2-Hexanone	9.50	43	426850	105.770	ug/l	94
60) Dibromochloromethane	9.59	129	59852	19.784	ug/l	98
61) 1,2-Dibromoethane	9.68	107	61653	19.031	ug/l	95
64) Tetrachloroethene	9.34	164	58778	18.285	ug/l	96
65) Chlorobenzene	10.14	112	158499	18.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	57167	19.416	ug/l	99
67) Ethyl Benzene	10.26	91	260010	19.555	ug/l	97
68) m/p-Xylenes	10.36	106	203888	39.240	ug/l	94
69) o-Xylene	10.70	106	99298	20.807	ug/l	98
70) Styrene	10.71	104	163620	19.687	ug/l	99
71) Bromoform	10.86	173	48296	19.160	ug/l	99
73) Isopropylbenzene	11.02	105	262781	21.362	ug/l	99
74) N-amyl acetate	10.90	43	125342	19.638	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	98491	19.669	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89301m	20.415	ug/l	
77) Bromobenzene	11.26	156	72126	20.186	ug/l	99
78) n-propylbenzene	11.36	91	299388	21.212	ug/l	99
79) 2-Chlorotoluene	11.42	91	184311	20.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223990	19.747	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25303	17.137	ug/l	98
82) 4-Chlorotoluene	11.51	91	214611	20.725	ug/l	99
83) tert-Butylbenzene	11.77	119	217075	21.433	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	231350	19.778	ug/l	98
85) sec-Butylbenzene	11.95	105	263786	21.383	ug/l	99
86) p-Isopropyltoluene	12.07	119	236573	21.166	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130792	19.604	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132842	19.288	ug/l	98
89) n-Butylbenzene	12.39	91	202648	19.964	ug/l	100
90) Hexachloroethane	12.60	117	35701	19.185	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	131993	18.931	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21678	19.717	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94944	19.412	ug/l	99
94) Hexachlorobutadiene	13.79	225	48466	19.109	ug/l	98
95) Naphthalene	13.83	128	304242	19.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100260	19.844	ug/l	98

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

