

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005725.D
 Acq On : 01 Nov 2018 13:24
 Operator : JC/MD
 Sample : VX1101WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 12:34:03 PM

Quant Time: Nov 01 15:06:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	132391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	88346	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	5.50	113	66906	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
50) Toluene-d8	8.71	98	242290	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	11.14	95	86551	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31644	20.690	ug/l	99
3) Chloromethane	1.32	50	33729	18.697	ug/l	98
4) Vinyl Chloride	1.40	62	36440	19.416	ug/l	100
5) Bromomethane	1.64	94	32812	14.089	ug/l	99
6) Chloroethane	1.72	64	22029	20.088	ug/l	93
7) Trichlorofluoromethane	1.93	101	46574	19.333	ug/l	100
8) Diethyl Ether	2.19	74	20206	18.660	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28219	19.284	ug/l	92
10) Methyl Iodide	2.51	142	22844	17.356	ug/l	99
11) Tert butyl alcohol	3.07	59	50029	95.175	ug/l	100
12) 1,1-Dichloroethene	2.37	96	26652	18.691	ug/l	90
13) Acrolein	2.29	56	31375	91.540	ug/l	99
14) Allyl chloride	2.73	41	53774	18.238	ug/l	# 94
15) Acrylonitrile	3.15	53	104836	90.697	ug/l	97
16) Acetone	2.45	43	100133	94.826	ug/l	96
17) Carbon Disulfide	2.57	76	77466	17.679	ug/l	98
18) Methyl Acetate	2.78	43	48182	17.345	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	97666	19.787	ug/l	99
20) Methylene Chloride	2.85	84	31907	19.116	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	28512	18.897	ug/l	93
22) Diisopropyl ether	3.87	45	103618	18.945	ug/l	95
23) Vinyl Acetate	3.82	43	457080	95.945	ug/l	96
24) 1,1-Dichloroethane	3.70	63	55617	17.983	ug/l	99
25) 2-Butanone	4.70	43	150890	92.413	ug/l	98
26) 2,2-Dichloropropane	4.58	77	44365	19.190	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	31902	18.816	ug/l	96
28) Bromochloromethane	5.01	49	30611	20.288	ug/l	93
29) Tetrahydrofuran	5.16	42	94215	94.538	ug/l	91
30) Chloroform	5.21	83	58921	19.486	ug/l	92
31) Cyclohexane	5.57	56	48415	18.720	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	47787	19.747	ug/l	95
36) 1,1-Dichloropropene	5.80	75	41721	17.415	ug/l	99
37) Ethyl Acetate	4.85	43	54070	17.691	ug/l	98
38) Carbon Tetrachloride	5.77	117	38545	17.808	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	46762	18.716	ug/l	96
40) Benzene	6.15	78	129406	18.156	ug/l	93
41) Methacrylonitrile	5.06	41	29529	17.880	ug/l	95
42) 1,2-Dichloroethane	6.20	62	47113	17.883	ug/l	98
43) Isopropyl Acetate	6.46	43	77232	17.410	ug/l	95
44) Trichloroethene	7.21	130	30008	18.204	ug/l	98
45) 1,2-Dichloropropane	7.52	63	33986	18.607	ug/l	98
46) Dibromomethane	7.66	93	21386	18.321	ug/l	90
47) Bromodichloromethane	7.90	83	38577	17.619	ug/l	96
48) Methyl methacrylate	7.77	41	38453	17.909	ug/l	94
49) 1,4-Dioxane	7.75	88	18273	382.194	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	271237	89.669	ug/l	98
52) Toluene	8.79	92	71407	18.523	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	42599	17.953	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	48769	19.184	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	30016	17.929	ug/l	99
56) Ethyl methacrylate	9.18	69	46729	18.101	ug/l	96
57) 1,3-Dichloropropane	9.37	76	52747	18.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	143245	95.413	ug/l	95
59) 2-Hexanone	9.49	43	212725	86.416	ug/l	96
60) Dibromochloromethane	9.58	129	28821	17.815	ug/l	99
61) 1,2-Dibromoethane	9.67	107	30943	18.138	ug/l	100
64) Tetrachloroethene	9.33	164	27485	19.897	ug/l	97
65) Chlorobenzene	10.14	112	77223	19.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	26660	19.382	ug/l	97
67) Ethyl Benzene	10.25	91	136075	19.844	ug/l	98
68) m/p-Xylenes	10.36	106	102025	40.040	ug/l	96
69) o-Xylene	10.70	106	48670	19.971	ug/l	96
70) Styrene	10.71	104	81025	20.017	ug/l	98
71) Bromoform	10.86	173	20683	18.559	ug/l #	100
73) Isopropylbenzene	11.02	105	133852	21.225	ug/l	99
74) N-amyl acetate	10.90	43	65816	19.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	51299	19.607	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	47206m	19.828	ug/l	
77) Bromobenzene	11.26	156	32278	20.633	ug/l	89
78) n-propylbenzene	11.36	91	160000	20.856	ug/l	96
79) 2-Chlorotoluene	11.42	91	95102	20.756	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	112272	20.967	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14466	19.632	ug/l	96
82) 4-Chlorotoluene	11.51	91	111957	20.467	ug/l	96
83) tert-Butylbenzene	11.77	119	106837	20.911	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	116118	21.475	ug/l	98
85) sec-Butylbenzene	11.94	105	135162	20.624	ug/l	98
86) p-Isopropyltoluene	12.07	119	115917	20.797	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	59051	19.522	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	60876	18.734	ug/l	97
89) n-Butylbenzene	12.39	91	109425	19.458	ug/l	97
90) Hexachloroethane	12.60	117	19036	19.250	ug/l	81
91) 1,2-Dichlorobenzene	12.40	146	59973	18.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11712	19.086	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	39872	19.672	ug/l	98
94) Hexachlorobutadiene	13.79	225	18955	19.332	ug/l	97
95) Naphthalene	13.83	128	139607	20.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	41745	20.231	ug/l	99

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

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