

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004970.D
 Acq On : 03 Oct 2018 15:46
 Operator : JC/MD
 Sample : VX1004WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:44 PM

Quant Time: Oct 04 01:40:54 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	268598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217319	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	177724	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	
35) Dibromofluoromethane	5.50	113	147608	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	
50) Toluene-d8	8.71	98	570821	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.14	95	211869	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76102	20.780	ug/l	99
3) Chloromethane	1.32	50	81772	18.404	ug/l	98
4) Vinyl Chloride	1.40	62	81637	19.590	ug/l	99
5) Bromomethane	1.64	94	43376	17.553	ug/l	93
6) Chloroethane	1.71	64	47605	19.544	ug/l	95
7) Trichlorofluoromethane	1.93	101	104909	20.335	ug/l	95
8) Diethyl Ether	2.19	74	43755	19.523	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62128	21.141	ug/l	99
10) Methyl Iodide	2.51	142	51730	13.154	ug/l	93
11) Tert butyl alcohol	3.07	59	114544	106.767	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58009	19.932	ug/l	99
13) Acrolein	2.29	56	25440	33.328	ug/l	92
14) Allyl chloride	2.73	41	128031	20.162	ug/l	97
15) Acrylonitrile	3.15	53	242195	102.550	ug/l	96
16) Acetone	2.45	43	225094	100.485	ug/l	92
17) Carbon Disulfide	2.57	76	152854	17.479	ug/l	100
18) Methyl Acetate	2.78	43	131505	23.171	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	215579	21.475	ug/l	96
20) Methylene Chloride	2.85	84	67794	20.317	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	61160	19.197	ug/l	85
22) Diisopropyl ether	3.87	45	217332	20.325	ug/l	94
23) Vinyl Acetate	3.82	43	945803	96.629	ug/l	99
24) 1,1-Dichloroethane	3.70	63	124313	19.489	ug/l	99
25) 2-Butanone	4.70	43	328924	99.616	ug/l	98
26) 2,2-Dichloropropane	4.58	77	91706	20.646	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	68762	19.320	ug/l	95
28) Bromochloromethane	5.01	49	56689	18.873	ug/l	99
29) Tetrahydrofuran	5.16	42	211145	102.884	ug/l	99
30) Chloroform	5.21	83	112896	18.728	ug/l	98
31) Cyclohexane	5.57	56	103714	21.244	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	96058	19.511	ug/l	95
36) 1,1-Dichloropropene	5.79	75	83497	18.809	ug/l	94
37) Ethyl Acetate	4.86	43	113925	19.334	ug/l	98
38) Carbon Tetrachloride	5.78	117	81975	17.567	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100457	22.162	ug/l #	84
40) Benzene	6.14	78	257594	18.535	ug/l	97
41) Methacrylonitrile	5.06	41	63933	19.564	ug/l	96
42) 1,2-Dichloroethane	6.20	62	90528	18.427	ug/l	98
43) Isopropyl Acetate	6.46	43	164409	19.331	ug/l	96
44) Trichloroethene	7.21	130	69523	20.350	ug/l	98
45) 1,2-Dichloropropane	7.52	63	68527	20.107	ug/l	97
46) Dibromomethane	7.66	93	43726	20.415	ug/l	99
47) Bromodichloromethane	7.90	83	80772	20.142	ug/l	99
48) Methyl methacrylate	7.78	41	84481	21.885	ug/l	98
49) 1,4-Dioxane	7.76	88	40667	424.041	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	596194	111.333	ug/l	100
52) Toluene	8.79	92	161067	21.092	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	91889	20.277	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	101411	21.365	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	68587	20.504	ug/l	95
56) Ethyl methacrylate	9.18	69	100942	20.394	ug/l	96
57) 1,3-Dichloropropane	9.37	76	113063	20.309	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	284414	107.300	ug/l	99
59) 2-Hexanone	9.50	43	472246	105.826	ug/l	96
60) Dibromochloromethane	9.59	129	65094	19.459	ug/l	99
61) 1,2-Dibromoethane	9.67	107	68976	19.254	ug/l	95
64) Tetrachloroethene	9.34	164	71903	20.301	ug/l	95
65) Chlorobenzene	10.14	112	180840	19.597	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	63007	19.422	ug/l	99
67) Ethyl Benzene	10.26	91	300421	20.506	ug/l	97
68) m/p-Xylenes	10.36	106	236686	41.342	ug/l	96
69) o-Xylene	10.70	106	114006	21.681	ug/l	98
70) Styrene	10.71	104	189027	20.538	ug/l	99
71) Bromoform	10.86	173	50697	18.253	ug/l #	95
73) Isopropylbenzene	11.02	105	309773	22.615	ug/l	99
74) N-amyl acetate	10.90	43	140801	19.795	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	107075	19.203	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	99472m	20.422	ug/l	
77) Bromobenzene	11.26	156	82406	20.712	ug/l	100
78) n-propylbenzene	11.36	91	355606	22.626	ug/l	99
79) 2-Chlorotoluene	11.42	91	212222	21.663	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	259637	20.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	28896	17.524	ug/l	98
82) 4-Chlorotoluene	11.51	91	249362	21.625	ug/l	100
83) tert-Butylbenzene	11.77	119	255167	22.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	270257	20.758	ug/l	99
85) sec-Butylbenzene	11.94	105	312411	22.742	ug/l	100
86) p-Isopropyltoluene	12.07	119	280007	22.498	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	153205	20.622	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	154838	20.190	ug/l	99
89) n-Butylbenzene	12.39	91	247307	21.880	ug/l	100
90) Hexachloroethane	12.60	117	40046	19.326	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	152121	19.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24391	19.922	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112838	20.718	ug/l	98
94) Hexachlorobutadiene	13.79	225	58146	20.589	ug/l	99
95) Naphthalene	13.83	128	353879	20.014	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116350	20.680	ug/l	99

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

