

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005046.D
 Acq On : 05 Oct 2018 04:30
 Operator : JC/MD
 Sample : VX1004WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 6:15:40 PM

Quant Time: Oct 05 05:36:34 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	208723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	334467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159970	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
35) Dibromofluoromethane	5.51	113	126898	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	8.72	98	474043	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	173844	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62257	21.876	ug/l	99
3) Chloromethane	1.32	50	72231	20.920	ug/l	95
4) Vinyl Chloride	1.40	62	72707	22.452	ug/l	98
5) Bromomethane	1.64	94	43436	22.619	ug/l	92
6) Chloroethane	1.72	64	42051	22.550	ug/l #	84
7) Trichlorofluoromethane	1.93	101	87481	21.821	ug/l	88
8) Diethyl Ether	2.19	74	37363	21.453	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49213	21.550	ug/l	99
10) Methyl Iodide	2.51	142	48939	16.015	ug/l	93
11) Tert butyl alcohol	3.07	59	99140	118.918	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49289	21.794	ug/l	89
13) Acrolein	2.29	56	16299	27.478	ug/l	86
14) Allyl chloride	2.73	41	105791	21.439	ug/l	95
15) Acrylonitrile	3.15	53	214478	116.865	ug/l	97
16) Acetone	2.45	43	191955	110.273	ug/l	92
17) Carbon Disulfide	2.57	76	133266	19.610	ug/l	99
18) Methyl Acetate	2.78	43	120648	27.356	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	187515	24.037	ug/l	98
20) Methylene Chloride	2.85	84	58722	22.744	ug/l #	83
21) trans-1,2-Dichloroethene	3.16	96	52353	21.147	ug/l #	83
22) Diisopropyl ether	3.87	45	193594	23.298	ug/l	96
23) Vinyl Acetate	3.82	43	838979	110.304	ug/l	96
24) 1,1-Dichloroethane	3.70	63	105000	21.184	ug/l	100
25) 2-Butanone	4.70	43	283836	110.620	ug/l	91
26) 2,2-Dichloropropane	4.59	77	47880	13.872	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	59579	21.542	ug/l	94
28) Bromochloromethane	5.01	49	53708	23.010	ug/l	94
29) Tetrahydrofuran	5.15	42	190156	119.236	ug/l	97
30) Chloroform	5.21	83	102576	21.897	ug/l	94
31) Cyclohexane	5.57	56	81972	21.608	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	83351	21.787	ug/l	96
36) 1,1-Dichloropropene	5.80	75	68442	17.697	ug/l	95
37) Ethyl Acetate	4.86	43	98463	19.179	ug/l	97
38) Carbon Tetrachloride	5.78	117	71344	17.549	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71159	18.019	ug/l	# 85
40) Benzene	6.15	78	220835	18.239	ug/l	92
41) Methacrylonitrile	5.06	41	56261	19.761	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82137	19.190	ug/l	97
43) Isopropyl Acetate	6.46	43	137389	18.542	ug/l	96
44) Trichloroethene	7.21	130	57400	19.284	ug/l	92
45) 1,2-Dichloropropane	7.52	63	58287	19.630	ug/l	99
46) Dibromomethane	7.66	93	37411	20.048	ug/l	99
47) Bromodichloromethane	7.90	83	70844	20.277	ug/l	99
48) Methyl methacrylate	7.78	41	71537	21.271	ug/l	98
49) 1,4-Dioxane	7.76	88	33369	399.366	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	506740	108.613	ug/l	98
52) Toluene	8.79	92	134288	20.184	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	71136	18.018	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	79747	19.284	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	57437	19.709	ug/l	96
56) Ethyl methacrylate	9.18	69	83458	19.500	ug/l	98
57) 1,3-Dichloropropane	9.37	76	94048	19.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	238843	103.939	ug/l	99
59) 2-Hexanone	9.50	43	395564	101.743	ug/l	95
60) Dibromochloromethane	9.59	129	55659	19.097	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59165	18.957	ug/l	97
64) Tetrachloroethene	9.34	164	60405	20.163	ug/l	96
65) Chlorobenzene	10.14	112	148942	19.082	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54110	19.719	ug/l	99
67) Ethyl Benzene	10.26	91	242586	19.576	ug/l	95
68) m/p-Xylenes	10.36	106	188709	38.970	ug/l	94
69) o-Xylene	10.70	106	91848	20.650	ug/l	100
70) Styrene	10.71	104	155321	20.013	ug/l	100
71) Bromoform	10.86	173	44940	19.130	ug/l	# 97
73) Isopropylbenzene	11.02	105	247581	21.683	ug/l	100
74) N-amyl acetate	10.90	43	116736	19.698	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91123	19.605	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	83829m	20.646	ug/l	
77) Bromobenzene	11.26	156	68622	20.691	ug/l	98
78) n-propylbenzene	11.36	91	277532	21.184	ug/l	100
79) 2-Chlorotoluene	11.42	91	173016	21.187	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	207476	19.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20090	14.946	ug/l	96
82) 4-Chlorotoluene	11.51	91	203529	21.175	ug/l	99
83) tert-Butylbenzene	11.77	119	200360	21.313	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	216124	19.907	ug/l	100
85) sec-Butylbenzene	11.94	105	241377	21.080	ug/l	100
86) p-Isopropyltoluene	12.07	119	213825	20.611	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	121880	19.681	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126306	19.757	ug/l	99
89) n-Butylbenzene	12.39	91	180672	19.176	ug/l	100
90) Hexachloroethane	12.60	117	33581	19.441	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	124202	19.191	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20806	20.387	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	89089	19.624	ug/l	100
94) Hexachlorobutadiene	13.79	225	41208	17.504	ug/l	99
95) Naphthalene	13.83	128	290273	19.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93633	19.966	ug/l	99

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

