

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005252.D
 Acq On : 11 Oct 2018 13:28
 Operator : JC/MD
 Sample : VX1010WBS09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:06 AM

Quant Time: Oct 11 14:41:19 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	219587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137493	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
35) Dibromofluoromethane	5.50	113	112121	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
50) Toluene-d8	8.72	98	408390	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.14	95	154631	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	57138	19.08	ug/l	98
3) Chloromethane	1.32	50	60568	16.67	ug/l	99
4) Vinyl Chloride	1.40	62	62633	18.38	ug/l	98
5) Bromomethane	1.64	94	20823	10.31	ug/l	94
6) Chloroethane	1.72	64	38287	19.19	ug/l	97
7) Trichlorofluoromethane	1.93	101	81791	19.39	ug/l	91
8) Diethyl Ether	2.19	74	32291	17.62	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44538	18.54	ug/l	98
10) Methyl Iodide	2.51	142	22535	7.01	ug/l	91
11) Tert butyl alcohol	3.08	59	77555	88.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43436	18.26	ug/l	98
13) Acrolein	2.29	56	38216	61.24	ug/l	92
14) Allyl chloride	2.73	41	99958	19.25	ug/l	96
15) Acrylonitrile	3.15	53	175756	91.03	ug/l	96
16) Acetone	2.45	43	172137	94.00	ug/l	94
17) Carbon Disulfide	2.57	76	120754	16.89	ug/l	100
18) Methyl Acetate	2.78	43	100346	21.63	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	158845	19.35	ug/l	97
20) Methylene Chloride	2.85	84	50533	18.45	ug/l	# 84
21) trans-1,2-Dichloroethene	3.16	96	45704	17.55	ug/l	89
22) Diisopropyl ether	3.87	45	154602	17.69	ug/l	96
23) Vinyl Acetate	3.82	43	752466	94.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	93762	17.98	ug/l	99
25) 2-Butanone	4.71	43	229176	84.90	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67026	18.46	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	47802	16.43	ug/l	92
28) Bromochloromethane	5.02	49	35554	14.48	ug/l	99
29) Tetrahydrofuran	5.16	42	150250	89.55	ug/l	97
30) Chloroform	5.21	83	84997	17.25	ug/l	99
31) Cyclohexane	5.57	56	68449	17.15	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	71625	17.80	ug/l	97
36) 1,1-Dichloropropene	5.80	75	59151	16.44	ug/l	95
37) Ethyl Acetate	4.87	43	81135	16.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	62859	16.62	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64099	17.44	ug/l	87
40) Benzene	6.14	78	185917	16.50	ug/l	95
41) Methacrylonitrile	5.06	41	44213	16.69	ug/l #	96
42) 1,2-Dichloroethane	6.20	62	67959	17.06	ug/l	98
43) Isopropyl Acetate	6.47	43	114742	16.64	ug/l	96
44) Trichloroethene	7.21	130	48464	17.50	ug/l	99
45) 1,2-Dichloropropane	7.52	63	50497	18.28	ug/l	96
46) Dibromomethane	7.66	93	32335	18.62	ug/l	98
47) Bromodichloromethane	7.90	83	61824	19.02	ug/l	99
48) Methyl methacrylate	7.78	41	60514	19.34	ug/l	100
49) 1,4-Dioxane	7.76	88	25298	325.37	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	421756	97.15	ug/l	98
52) Toluene	8.79	92	116575	18.83	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67227	18.30	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	73652	19.14	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	49442	18.23	ug/l	96
56) Ethyl methacrylate	9.18	69	71199	18.12	ug/l	97
57) 1,3-Dichloropropane	9.37	76	80860	17.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	171194	83.33	ug/l	99
59) 2-Hexanone	9.50	43	332734	91.97	ug/l	94
60) Dibromochloromethane	9.59	129	49911	18.40	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50969	17.55	ug/l	95
64) Tetrachloroethene	9.34	164	46290	15.69	ug/l	96
65) Chlorobenzene	10.14	112	132305	17.21	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	47887	17.72	ug/l	99
67) Ethyl Benzene	10.26	91	212896	17.44	ug/l	96
68) m/p-Xylenes	10.36	106	170781	35.80	ug/l	95
69) o-Xylene	10.70	106	80092	18.28	ug/l	100
70) Styrene	10.71	104	136820	18.12	ug/l	99
71) Bromoform	10.86	173	40855	17.65	ug/l #	96
73) Isopropylbenzene	11.02	105	220270	20.74	ug/l	99
74) N-amyl acetate	10.90	43	104989	19.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80830	18.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83397m	22.08	ug/l	
77) Bromobenzene	11.26	156	62038	20.11	ug/l	98
78) n-propylbenzene	11.36	91	258678	21.23	ug/l	99
79) 2-Chlorotoluene	11.42	91	154164	20.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	188840	19.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21272	16.74	ug/l	98
82) 4-Chlorotoluene	11.51	91	182507	20.42	ug/l	100
83) tert-Butylbenzene	11.77	119	185697	21.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	197408	19.55	ug/l	98
85) sec-Butylbenzene	11.94	105	224292	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	204609	21.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113301	19.67	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	114459	19.25	ug/l	98
89) n-Butylbenzene	12.39	91	179625	20.50	ug/l	100
90) Hexachloroethane	12.60	117	32735	20.38	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	114054	18.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18949	19.96	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	86311	20.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	42998	19.64	ug/l	100
95) Naphthalene	13.83	128	259873	19.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	89030	20.41	ug/l	98

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

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