

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083018\
 Data File : VX004322.D
 Acq On : 30 Aug 2018 15:37
 Operator : JC/MD
 Sample : VX0830WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2018 4:30:14 PM

Quant Time: Aug 31 00:57:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	266101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	175263	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.50	113	147078	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.71	98	544652	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.14	95	208108	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55060	17.86	ug/l	98
3) Chloromethane	1.32	50	67598	20.02	ug/l	100
4) Vinyl Chloride	1.40	62	64452	18.49	ug/l	99
5) Bromomethane	1.64	94	37462	20.61	ug/l	100
6) Chloroethane	1.72	64	45968	17.87	ug/l	97
7) Trichlorofluoromethane	1.93	101	86831	18.17	ug/l	95
8) Diethyl Ether	2.18	74	44430	21.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54532	18.22	ug/l	99
10) Methyl Iodide	2.51	142	57958	19.96	ug/l	97
11) Tert butyl alcohol	3.06	59	77636	105.01	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51426	18.24	ug/l	94
13) Acrolein	2.29	56	13847	77.69	ug/l	94
14) Allyl chloride	2.73	41	105755	20.42	ug/l	98
15) Acrylonitrile	3.14	53	193047	105.44	ug/l	100
16) Acetone	2.44	43	174217	118.81	ug/l	98
17) Carbon Disulfide	2.57	76	126095	16.65	ug/l	99
18) Methyl Acetate	2.78	43	133381	25.92	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	201912	21.73	ug/l	99
20) Methylene Chloride	2.85	84	68733	20.59	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	58424	18.72	ug/l	97
22) Diisopropyl ether	3.87	45	212912	22.02	ug/l	97
23) Vinyl Acetate	3.82	43	834376	106.46	ug/l	100
24) 1,1-Dichloroethane	3.69	63	116547	20.68	ug/l	100
25) 2-Butanone	4.70	43	258273	109.53	ug/l	98
26) 2,2-Dichloropropane	4.58	77	87146	19.72	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	71652	20.25	ug/l	100
28) Bromochloromethane	5.01	49	56420	22.61	ug/l	98
29) Tetrahydrofuran	5.15	42	158432	106.32	ug/l	99
30) Chloroform	5.21	83	116716	20.66	ug/l	100
31) Cyclohexane	5.57	56	83625	17.20	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	90628	19.23	ug/l	99
36) 1,1-Dichloropropene	5.79	75	80636	18.24	ug/l	100
37) Ethyl Acetate	4.85	43	90532	20.83	ug/l	100
38) Carbon Tetrachloride	5.78	117	75698	18.21	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78856	15.63	ug/l	98
40) Benzene	6.14	78	265422	20.10	ug/l	99
41) Methacrylonitrile	5.05	41	53831	21.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94264	20.93	ug/l	100
43) Isopropyl Acetate	6.46	43	140053	20.97	ug/l	100
44) Trichloroethene	7.21	130	68938	18.86	ug/l	97
45) 1,2-Dichloropropane	7.51	63	69326	20.97	ug/l	99
46) Dibromomethane	7.66	93	45379	20.62	ug/l	99
47) Bromodichloromethane	7.90	83	84603	20.66	ug/l	99
48) Methyl methacrylate	7.77	41	75112	21.02	ug/l	98
49) 1,4-Dioxane	7.75	88	32023	394.65	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	491840	101.35	ug/l	99
52) Toluene	8.78	92	167900	20.31	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92641	20.48	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	104083	21.13	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	71884	21.54	ug/l	100
56) Ethyl methacrylate	9.18	69	94937	20.90	ug/l	99
57) 1,3-Dichloropropane	9.37	76	120680	21.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	266834	114.63	ug/l	100
59) 2-Hexanone	9.49	43	376261	101.63	ug/l	98
60) Dibromochloromethane	9.59	129	66544	20.47	ug/l	99
61) 1,2-Dibromoethane	9.67	107	72869	21.10	ug/l	98
64) Tetrachloroethene	9.34	164	69412	18.03	ug/l	96
65) Chlorobenzene	10.14	112	188533	19.28	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.22	131	66263	19.64	ug/l	99
67) Ethyl Benzene	10.25	91	296811	18.69	ug/l	99
68) m/p-Xylenes	10.36	106	236899	38.14	ug/l	98
69) o-Xylene	10.70	106	114191	19.44	ug/l	98
70) Styrene	10.71	104	195099	20.51	ug/l	99
71) Bromoform	10.86	173	50270	18.49	ug/l #	100
73) Isopropylbenzene	11.02	105	300196	19.36	ug/l	100
74) N-amyl acetate	10.90	43	116616	19.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	109442	20.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98132m	20.44	ug/l	
77) Bromobenzene	11.26	156	87555	20.13	ug/l	98
78) n-propylbenzene	11.36	91	327814	18.38	ug/l	99
79) 2-Chlorotoluene	11.42	91	213535	19.45	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	244082	19.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28031	18.94	ug/l	94
82) 4-Chlorotoluene	11.51	91	252999	19.59	ug/l	100
83) tert-Butylbenzene	11.77	119	237664	18.40	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	267298	20.28	ug/l	100
85) sec-Butylbenzene	11.94	105	282769	18.44	ug/l	99
86) p-Isopropyltoluene	12.07	119	257272	18.72	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	159318	19.46	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164551	19.06	ug/l	99
89) n-Butylbenzene	12.39	91	195149	17.46	ug/l	99
90) Hexachloroethane	12.60	117	35093	18.27	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	153918	20.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18594	19.46	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106234	19.51	ug/l	97
94) Hexachlorobutadiene	13.79	225	42057	16.51	ug/l	95
95) Naphthalene	13.83	128	311653	20.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	113274	19.65	ug/l	99

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

