

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004332.D
 Acq On : 31 Aug 2018 17:53
 Operator : JC/MD
 Sample : VX0831WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:10:47 PM

Quant Time: Sep 01 05:14:55 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	207607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155019	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	5.50	113	130642	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	8.71	98	471047	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	177990	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37991	15.80	ug/l	97
3) Chloromethane	1.32	50	54908	20.83	ug/l	100
4) Vinyl Chloride	1.40	62	52559	19.32	ug/l	99
5) Bromomethane	1.64	94	28916	20.36	ug/l	97
6) Chloroethane	1.72	64	37202	18.53	ug/l	99
7) Trichlorofluoromethane	1.92	101	65167	17.48	ug/l	96
8) Diethyl Ether	2.18	74	37995	23.80	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38249	16.38	ug/l	100
10) Methyl Iodide	2.51	142	48646	21.15	ug/l	99
11) Tert butyl alcohol	3.07	59	77458	134.29	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41380	18.81	ug/l	96
13) Acrolein	2.29	56	40408	290.58	ug/l	97
14) Allyl chloride	2.72	41	90910	22.50	ug/l	97
15) Acrylonitrile	3.15	53	184172	128.93	ug/l	99
16) Acetone	2.45	43	155597	137.22	ug/l	98
17) Carbon Disulfide	2.56	76	102439	17.30	ug/l	99
18) Methyl Acetate	2.78	43	128625	32.03	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	174057	24.01	ug/l	98
20) Methylene Chloride	2.86	84	57846	22.21	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	48660	19.99	ug/l	94
22) Diisopropyl ether	3.87	45	177566	23.54	ug/l	99
23) Vinyl Acetate	3.82	43	690931	112.99	ug/l	99
24) 1,1-Dichloroethane	3.69	63	98570	22.42	ug/l	99
25) 2-Butanone	4.70	43	236054	128.81	ug/l	98
26) 2,2-Dichloropropane	4.58	77	69122	20.04	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	60290	21.84	ug/l	98
28) Bromochloromethane	5.01	49	45432	23.34	ug/l	98
29) Tetrahydrofuran	5.16	42	148916	128.09	ug/l	99
30) Chloroform	5.21	83	101439	23.01	ug/l	94
31) Cyclohexane	5.57	56	59698	15.74	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	73496	19.99	ug/l	99
36) 1,1-Dichloropropene	5.79	75	63706	17.70	ug/l	98
37) Ethyl Acetate	4.86	43	81578	23.05	ug/l	100
38) Carbon Tetrachloride	5.78	117	60941	18.00	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57267	13.94	ug/l	95
40) Benzene	6.14	78	223994	20.83	ug/l	100
41) Methacrylonitrile	5.06	41	47975	23.38	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80829	22.03	ug/l	100
43) Isopropyl Acetate	6.46	43	120695	22.19	ug/l	99
44) Trichloroethene	7.21	130	56399	18.95	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57816	21.48	ug/l	97
46) Dibromomethane	7.67	93	38533	21.50	ug/l	98
47) Bromodichloromethane	7.90	83	71964	21.58	ug/l	99
48) Methyl methacrylate	7.77	41	64397	22.13	ug/l	99
49) 1,4-Dioxane	7.76	88	33212	502.62	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	448911	113.59	ug/l	99
52) Toluene	8.79	92	138387	20.56	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75802	20.58	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	85751	21.37	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	61928	22.79	ug/l	99
56) Ethyl methacrylate	9.18	69	80155	21.67	ug/l	99
57) 1,3-Dichloropropane	9.37	76	103475	22.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	227078	119.80	ug/l	99
59) 2-Hexanone	9.50	43	343137	113.81	ug/l	98
60) Dibromochloromethane	9.59	129	57407	21.68	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62726	22.30	ug/l	99
64) Tetrachloroethene	9.34	164	58792	19.78	ug/l	97
65) Chlorobenzene	10.14	112	152749	20.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55830	21.44	ug/l	98
67) Ethyl Benzene	10.25	91	241908	19.73	ug/l	92
68) m/p-Xylenes	10.36	106	183922	38.36	ug/l	94
69) o-Xylene	10.70	106	96636	21.31	ug/l	97
70) Styrene	10.71	104	154088	20.98	ug/l	97
71) Bromoform	10.86	173	43835	20.88	ug/l #	99
73) Isopropylbenzene	11.02	105	247867	19.82	ug/l	100
74) N-amyl acetate	10.90	43	98172	20.39	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	94901	21.69	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87171m	22.51	ug/l	
77) Bromobenzene	11.26	156	72210	20.59	ug/l	98
78) n-propylbenzene	11.36	91	277479	19.29	ug/l	100
79) 2-Chlorotoluene	11.42	91	178852	20.20	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	208567	20.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23284	19.51	ug/l	93
82) 4-Chlorotoluene	11.51	91	208972	20.06	ug/l	100
83) tert-Butylbenzene	11.77	119	198809	19.08	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	220537	20.75	ug/l	100
85) sec-Butylbenzene	11.94	105	235720	19.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	213725	19.28	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131537	19.92	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	134138	19.26	ug/l	98
89) n-Butylbenzene	12.39	91	162232	18.00	ug/l	97
90) Hexachloroethane	12.60	117	28861	18.63	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	127139	21.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16339	21.20	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	84999	19.35	ug/l	98
94) Hexachlorobutadiene	13.79	225	37346	18.19	ug/l	98
95) Naphthalene	13.83	128	266100	21.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94181	20.26	ug/l	99

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

