

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003399.D
 Acq On : 16 Jul 2018 19:38
 Operator : JC/MD
 Sample : VX0716WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:36 PM

Quant Time: Jul 17 02:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	341628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	476785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	453609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	270569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218230	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	187819	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.72	98	803558	56.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.88%	
62) 4-Bromofluorobenzene	11.14	95	291695	57.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79920	20.73	ug/l	97
3) Chloromethane	1.32	50	80968	19.40	ug/l	99
4) Vinyl Chloride	1.40	62	89617	19.71	ug/l	98
5) Bromomethane	1.64	94	43893	25.63	ug/l	99
6) Chloroethane	1.72	64	54459	20.25	ug/l	99
7) Trichlorofluoromethane	1.93	101	122084	20.24	ug/l	98
8) Diethyl Ether	2.19	74	50300	19.49	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74939	19.67	ug/l	98
10) Methyl Iodide	2.51	142	64733	15.88	ug/l	91
11) Tert butyl alcohol	3.09	59	102378	101.75	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71851	19.95	ug/l	88
13) Acrolein	2.29	56	43543	90.22	ug/l	97
14) Allyl chloride	2.73	41	127417	19.51	ug/l	87
15) Acrylonitrile	3.15	53	229285	99.47	ug/l	97
16) Acetone	2.45	43	185770	99.83	ug/l	90
17) Carbon Disulfide	2.57	76	184908	18.71	ug/l	97
18) Methyl Acetate	2.78	43	134998	22.27	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	238686	19.96	ug/l	99
20) Methylene Chloride	2.86	84	82348	24.13	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	75239	19.34	ug/l	91
22) Diisopropyl ether	3.88	45	249713	19.71	ug/l	98
23) Vinyl Acetate	3.83	43	1011112	96.76	ug/l	98
24) 1,1-Dichloroethane	3.70	63	142683	19.85	ug/l	98
25) 2-Butanone	4.72	43	297116	102.02	ug/l	91
26) 2,2-Dichloropropane	4.59	77	81705	16.19	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	84486	20.19	ug/l	98
28) Bromochloromethane	5.03	49	64566	20.69	ug/l	85
29) Tetrahydrofuran	5.18	42	190556	103.17	ug/l	91
30) Chloroform	5.22	83	135819	20.50	ug/l	95
31) Cyclohexane	5.58	56	115672	20.84	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	117636	20.88	ug/l	98
36) 1,1-Dichloropropene	5.81	75	98616	20.43	ug/l	97
37) Ethyl Acetate	4.88	43	109083	20.05	ug/l	95
38) Carbon Tetrachloride	5.79	117	101234	20.60	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114458	20.71	ug/l	93
40) Benzene	6.15	78	321921	21.91	ug/l	97
41) Methacrylonitrile	5.07	41	61574	20.58	ug/l	92
42) 1,2-Dichloroethane	6.21	62	105349	20.91	ug/l	95
43) Isopropyl Acetate	6.48	43	170178	20.72	ug/l #	94
44) Trichloroethene	7.22	130	87343	20.52	ug/l	99
45) 1,2-Dichloropropane	7.53	63	80508	21.07	ug/l	99
46) Dibromomethane	7.67	93	52933	20.80	ug/l	96
47) Bromodichloromethane	7.90	83	100243	21.51	ug/l	93
48) Methyl methacrylate	7.79	41	86995	20.77	ug/l	85
49) 1,4-Dioxane	7.76	88	40007	417.10	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	638597	118.14	ug/l	94
52) Toluene	8.79	92	222049	24.14	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	124655	22.66	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	105431	21.00	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	83996	21.86	ug/l	97
56) Ethyl methacrylate	9.19	69	114939	21.12	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	131369	21.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	323980	118.75	ug/l	96
59) 2-Hexanone	9.50	43	437377	105.31	ug/l	88
60) Dibromochloromethane	9.59	129	78378	20.53	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83948	21.19	ug/l	100
64) Tetrachloroethene	9.34	164	102696	21.64	ug/l	99
65) Chlorobenzene	10.14	112	221815	20.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	79316	20.82	ug/l	100
67) Ethyl Benzene	10.26	91	361638	20.65	ug/l	100
68) m/p-Xylenes	10.36	106	284084	41.93	ug/l	95
69) o-Xylene	10.70	106	136745	21.01	ug/l	96
70) Styrene	10.71	104	225773	21.08	ug/l	97
71) Bromoform	10.86	173	62271	20.32	ug/l #	99
73) Isopropylbenzene	11.02	105	393848	22.73	ug/l	100
74) N-amyl acetate	6.48	43	170178	20.43	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	136224	23.82	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	134268m	27.41	ug/l	
77) Bromobenzene	11.26	156	111179	22.60	ug/l	95
78) n-propylbenzene	11.37	91	460750	23.81	ug/l	99
79) 2-Chlorotoluene	11.43	91	281075	23.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	318561	22.51	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	32311	21.43	ug/l	90
82) 4-Chlorotoluene	11.51	91	299809	21.66	ug/l	99
83) tert-Butylbenzene	11.77	119	320165	23.15	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	340876	23.45	ug/l	100
85) sec-Butylbenzene	11.95	105	393791	23.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	342123	22.91	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	202862	22.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	190368	20.82	ug/l	98
89) n-Butylbenzene	12.39	91	289751	22.77	ug/l	99
90) Hexachloroethane	12.60	117	50235	22.20	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	211601	23.39	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	28279	23.77	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140372	22.68	ug/l	95
94) Hexachlorobutadiene	13.79	225	68058	22.84	ug/l	99
95) Naphthalene	13.84	128	434760	24.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	155963	24.50	ug/l	98

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

