

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005357.D
 Acq On : 16 Oct 2018 09:13
 Operator : JC/MD
 Sample : VX1016WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:34:21 AM

Quant Time: Oct 17 05:15:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134340	46.87	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	5.50	113	109962	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	8.71	98	420419	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.14	95	155448	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41109	20.357	ug/l	96
3) Chloromethane	1.32	50	53383	18.244	ug/l	98
4) Vinyl Chloride	1.40	62	54744	18.469	ug/l	99
5) Bromomethane	1.64	94	34009	20.662	ug/l	98
6) Chloroethane	1.71	64	33983	18.452	ug/l	99
7) Trichlorofluoromethane	1.92	101	80046	20.236	ug/l	96
8) Diethyl Ether	2.18	74	31598	18.706	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48052	21.047	ug/l	97
10) Methyl Iodide	2.51	142	47114	20.372	ug/l	98
11) Tert butyl alcohol	3.07	59	79804	98.696	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43322	19.151	ug/l	93
13) Acrolein	2.29	56	33306	62.931	ug/l	97
14) Allyl chloride	2.73	41	94446	19.017	ug/l	96
15) Acrylonitrile	3.15	53	168606	92.018	ug/l	98
16) Acetone	2.45	43	156334	94.327	ug/l	97
17) Carbon Disulfide	2.57	76	123836	18.072	ug/l	99
18) Methyl Acetate	2.78	43	91744	19.457	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	158087	19.843	ug/l	95
20) Methylene Chloride	2.85	84	51058	20.367	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	47357	18.891	ug/l	99
22) Diisopropyl ether	3.87	45	164924	19.771	ug/l	94
23) Vinyl Acetate	3.82	43	737489	101.151	ug/l	96
24) 1,1-Dichloroethane	3.69	63	93301	19.516	ug/l	98
25) 2-Butanone	4.70	43	215359	88.811	ug/l	96
26) 2,2-Dichloropropane	4.58	77	69675	19.487	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	49788	18.275	ug/l	96
28) Bromochloromethane	5.01	49	40808	18.724	ug/l	96
29) Tetrahydrofuran	5.15	42	136643	88.340	ug/l	94
30) Chloroform	5.21	83	84828	19.117	ug/l	100
31) Cyclohexane	5.57	56	72255	18.337	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	73585	19.058	ug/l	99
36) 1,1-Dichloropropene	5.79	75	63693	18.541	ug/l	100
37) Ethyl Acetate	4.85	43	78675	17.808	ug/l	98
38) Carbon Tetrachloride	5.78	117	65853	19.078	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72526	19.507	ug/l	93
40) Benzene	6.14	78	185886	18.038	ug/l	100
41) Methacrylonitrile	5.06	41	42340	17.877	ug/l	97
42) 1,2-Dichloroethane	6.20	62	67659	18.594	ug/l	97
43) Isopropyl Acetate	6.46	43	113052	19.210	ug/l	97
44) Trichloroethene	7.21	130	53131	19.816	ug/l	100
45) 1,2-Dichloropropane	7.51	63	48749	19.285	ug/l	98
46) Dibromomethane	7.66	93	32481	19.468	ug/l	97
47) Bromodichloromethane	7.90	83	62404	20.221	ug/l	100
48) Methyl methacrylate	7.77	41	59704	19.561	ug/l	95
49) 1,4-Dioxane	7.75	88	27873	395.922	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	411115	100.890	ug/l	94
52) Toluene	8.79	92	119151	21.134	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	67688	20.267	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	76129	21.037	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50348	21.084	ug/l	98
56) Ethyl methacrylate	9.18	69	71157	20.441	ug/l	97
57) 1,3-Dichloropropane	9.37	76	81127	20.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	204439	104.717	ug/l	96
59) 2-Hexanone	9.49	43	331004	100.982	ug/l	93
60) Dibromochloromethane	9.59	129	51251	20.763	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50809	20.274	ug/l	100
64) Tetrachloroethene	9.34	164	56161	21.022	ug/l	98
65) Chlorobenzene	10.14	112	136890	19.393	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	50011	19.882	ug/l	98
67) Ethyl Benzene	10.25	91	224842	19.594	ug/l	97
68) m/p-Xylenes	10.36	106	180054	40.426	ug/l	96
69) o-Xylene	10.70	106	83938	19.541	ug/l	97
70) Styrene	10.71	104	140452	19.879	ug/l	97
71) Bromoform	10.86	173	42065	18.713	ug/l #	97
73) Isopropylbenzene	11.02	105	233517	20.283	ug/l	100
74) N-amyl acetate	10.90	43	103287	18.600	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	80427	18.518	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77097m	20.523	ug/l	
77) Bromobenzene	11.26	156	65116	19.781	ug/l	98
78) n-propylbenzene	11.36	91	269931	20.374	ug/l	99
79) 2-Chlorotoluene	11.42	91	162380	20.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	202279	20.517	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	23247	18.803	ug/l	98
82) 4-Chlorotoluene	11.51	91	193615	20.130	ug/l	100
83) tert-Butylbenzene	11.77	119	196778	19.710	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	206060	20.309	ug/l	98
85) sec-Butylbenzene	11.94	105	240836	20.384	ug/l	99
86) p-Isopropyltoluene	12.07	119	220307	20.630	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	121529	19.757	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124626	19.804	ug/l	99
89) n-Butylbenzene	12.39	91	190830	19.681	ug/l	98
90) Hexachloroethane	12.60	117	33845	18.390	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	121722	19.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18882	17.823	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	93113	20.218	ug/l	99
94) Hexachlorobutadiene	13.78	225	50072	20.586	ug/l	97
95) Naphthalene	13.83	128	260847	19.530	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94482	20.050	ug/l	100

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

