

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007784.D
 Acq On : 01 Mar 2019 12:47
 Operator : JC/SP
 Sample : VX0301WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:35:59 PM

Quant Time: Mar 01 13:43:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166890	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	5.50	113	139846	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	8.71	98	528892	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.13	95	186716	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49321	17.816	ug/l	100
3) Chloromethane	1.33	50	57725	18.817	ug/l	97
4) Vinyl Chloride	1.41	62	59850	19.016	ug/l	100
5) Bromomethane	1.64	94	33673	15.925	ug/l	98
6) Chloroethane	1.73	64	41590	20.683	ug/l	100
7) Trichlorofluoromethane	1.93	101	83536	17.314	ug/l	96
8) Diethyl Ether	2.19	74	35733	18.046	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50727	17.395	ug/l	98
10) Methyl Iodide	2.51	142	71190	19.605	ug/l	100
11) Tert butyl alcohol	3.07	59	71261	100.897	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47831	18.196	ug/l	95
13) Acrolein	2.30	56	77454	123.412	ug/l	100
14) Allyl chloride	2.73	41	99387	20.448	ug/l	93
15) Acrylonitrile	3.15	53	172304	103.668	ug/l	100
16) Acetone	2.45	43	157819	95.338	ug/l	99
17) Carbon Disulfide	2.57	76	127658	17.456	ug/l	98
18) Methyl Acetate	2.78	43	80031	22.156	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	173454	18.949	ug/l	100
20) Methylene Chloride	2.86	84	55542	18.171	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50780	17.769	ug/l	91
22) Diisopropyl ether	3.87	45	201996	19.964	ug/l	95
23) Vinyl Acetate	3.82	43	866884	97.654	ug/l	97
24) 1,1-Dichloroethane	3.70	63	104709	19.042	ug/l	99
25) 2-Butanone	4.70	43	259460	102.897	ug/l	94
26) 2,2-Dichloropropane	4.59	77	75221	17.137	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	63810	17.549	ug/l	93
28) Bromochloromethane	5.02	49	50381	18.820	ug/l	85
29) Tetrahydrofuran	5.15	42	169012	101.684	ug/l	93
30) Chloroform	5.21	83	105508	17.912	ug/l	98
31) Cyclohexane	5.58	56	93594	18.094	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	87216	17.904	ug/l	97
36) 1,1-Dichloropropene	5.80	75	76603	19.662	ug/l	97
37) Ethyl Acetate	4.85	43	95036	21.959	ug/l	100
38) Carbon Tetrachloride	5.78	117	74496	19.035	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91471	18.576	ug/l	93
40) Benzene	6.15	78	243065	20.210	ug/l	100
41) Methacrylonitrile	5.06	41	54345	23.515	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83048	20.544	ug/l	99
43) Isopropyl Acetate	6.46	43	144755	21.732	ug/l	98
44) Trichloroethene	7.21	130	64790	19.583	ug/l	93
45) 1,2-Dichloropropane	7.52	63	64993	20.861	ug/l	97
46) Dibromomethane	7.66	93	40574	18.668	ug/l	98
47) Bromodichloromethane	7.90	83	75893	20.149	ug/l	99
48) Methyl methacrylate	7.77	41	76437	21.892	ug/l	92
49) 1,4-Dioxane	7.75	88	30836	408.905	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	491504	110.236	ug/l	99
52) Toluene	8.78	92	150884	19.895	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80321	18.994	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91004	19.910	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	62806	19.859	ug/l	98
56) Ethyl methacrylate	9.18	69	93006	20.680	ug/l	94
57) 1,3-Dichloropropane	9.37	76	103936	20.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	256930	103.597	ug/l	97
59) 2-Hexanone	9.49	43	372139	106.312	ug/l	99
60) Dibromochloromethane	9.58	129	61036	20.057	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65458	19.935	ug/l	100
64) Tetrachloroethene	9.33	164	66964	20.952	ug/l	99
65) Chlorobenzene	10.14	112	165807	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59779	20.127	ug/l	100
67) Ethyl Benzene	10.25	91	274773	19.480	ug/l	99
68) m/p-Xylenes	10.36	106	214135	39.023	ug/l	98
69) o-Xylene	10.70	106	103114	19.536	ug/l	96
70) Styrene	10.71	104	170985	19.708	ug/l	99
71) Bromoform	10.86	173	46929	21.070	ug/l #	100
73) Isopropylbenzene	11.02	105	276086	19.464	ug/l	99
74) N-amyl acetate	10.90	43	123098	19.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93519	19.062	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	77571m	18.337	ug/l	
77) Bromobenzene	11.26	156	75624	21.256	ug/l	95
78) n-propylbenzene	11.36	91	306716	19.135	ug/l	98
79) 2-Chlorotoluene	11.42	91	186418	19.315	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	226464	19.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25308	18.076	ug/l	94
82) 4-Chlorotoluene	11.51	91	213291	18.892	ug/l	98
83) tert-Butylbenzene	11.77	119	222158	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	234352	19.636	ug/l	98
85) sec-Butylbenzene	11.94	105	269900	19.227	ug/l	99
86) p-Isopropyltoluene	12.06	119	242592	19.733	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	129652	19.646	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130203	19.265	ug/l	98
89) n-Butylbenzene	12.39	91	196787	17.949	ug/l	99
90) Hexachloroethane	12.60	117	37483	18.095	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	130608	19.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19002	17.776	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	86655	21.499	ug/l	100
94) Hexachlorobutadiene	13.78	225	48913	26.528	ug/l	98
95) Naphthalene	13.83	128	257125	19.690	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88194	21.792	ug/l	99

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

