

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005094.D
 Acq On : 06 Oct 2018 04:39
 Operator : JC/MD
 Sample : VX1005WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:42 PM

Quant Time: Oct 06 06:59:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166837	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155566	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.50	113	124393	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	8.72	98	444391	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
62) 4-Bromofluorobenzene	11.14	95	162184	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57649	20.993	ug/l	98
3) Chloromethane	1.32	50	70551	21.176	ug/l	90
4) Vinyl Chloride	1.40	62	65007	20.804	ug/l	98
5) Bromomethane	1.64	94	38169	20.599	ug/l	93
6) Chloroethane	1.72	64	39385	21.816	ug/l	99
7) Trichlorofluoromethane	1.93	101	84157	21.755	ug/l	99
8) Diethyl Ether	2.19	74	33045	19.663	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48322	21.929	ug/l	99
10) Methyl Iodide	2.51	142	44515	15.097	ug/l	93
11) Tert butyl alcohol	3.07	59	93983	116.830	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43491	19.929	ug/l	94
13) Acrolein	2.29	56	12173	21.268	ug/l	90
14) Allyl chloride	2.73	41	96925	20.356	ug/l	96
15) Acrylonitrile	3.15	53	193926	109.508	ug/l	95
16) Acetone	2.45	43	170239	101.353	ug/l	92
17) Carbon Disulfide	2.57	76	117194	17.872	ug/l	97
18) Methyl Acetate	2.78	43	115914	27.238	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	166554	22.127	ug/l	91
20) Methylene Chloride	2.85	84	58861	23.660	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	47424	19.852	ug/l	96
22) Diisopropyl ether	3.87	45	184102	22.961	ug/l #	89
23) Vinyl Acetate	3.82	43	728143	99.212	ug/l	96
24) 1,1-Dichloroethane	3.70	63	102611	21.454	ug/l	100
25) 2-Butanone	4.70	43	260848	105.356	ug/l	93
26) 2,2-Dichloropropane	4.58	77	47770	14.343	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55698	20.871	ug/l	97
28) Bromochloromethane	5.02	49	45151	20.047	ug/l	98
29) Tetrahydrofuran	5.17	42	172718	112.239	ug/l	99
30) Chloroform	5.21	83	95402	21.106	ug/l	89
31) Cyclohexane	5.58	56	80045	21.867	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	77407	20.969	ug/l	96
36) 1,1-Dichloropropene	5.79	75	64841	19.901	ug/l	95
37) Ethyl Acetate	4.86	43	94130	21.765	ug/l	98
38) Carbon Tetrachloride	5.78	117	67320	19.656	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65288	19.624	ug/l	88
40) Benzene	6.14	78	203739	19.974	ug/l	91
41) Methacrylonitrile	5.06	41	49435	20.611	ug/l #	94
42) 1,2-Dichloroethane	6.20	62	75426	20.917	ug/l	96
43) Isopropyl Acetate	6.46	43	127987	20.503	ug/l	97
44) Trichloroethene	7.21	130	50687	20.214	ug/l	97
45) 1,2-Dichloropropane	7.52	63	53419	21.355	ug/l	97
46) Dibromomethane	7.66	93	32739	20.826	ug/l	99
47) Bromodichloromethane	7.90	83	62365	21.189	ug/l	99
48) Methyl methacrylate	7.77	41	63243	22.321	ug/l	100
49) 1,4-Dioxane	7.76	88	30049	426.889	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	447413	113.832	ug/l	98
52) Toluene	8.79	92	118363	21.118	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63723	19.159	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	71308	20.468	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50895	20.730	ug/l	95
56) Ethyl methacrylate	9.18	69	73097	20.159	ug/l	98
57) 1,3-Dichloropropane	9.37	76	84645	20.715	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	221719	113.080	ug/l	100
59) 2-Hexanone	9.50	43	349908	106.831	ug/l	94
60) Dibromochloromethane	9.59	129	50134	20.418	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51369	19.537	ug/l	94
64) Tetrachloroethene	9.34	164	57392	21.632	ug/l	97
65) Chlorobenzene	10.14	112	132989	19.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	48116	19.800	ug/l	98
67) Ethyl Benzene	10.26	91	218971	19.953	ug/l	95
68) m/p-Xylenes	10.36	106	171899	40.085	ug/l	95
69) o-Xylene	10.70	106	81799	20.767	ug/l	100
70) Styrene	10.71	104	137671	20.028	ug/l	99
71) Bromoform	10.86	173	40033	19.242	ug/l #	97
73) Isopropylbenzene	11.02	105	225163	21.412	ug/l	100
74) N-amyl acetate	10.90	43	104431	19.184	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	81031	18.929	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	74932m	20.038	ug/l	
77) Bromobenzene	11.26	156	61456	20.120	ug/l	99
78) n-propylbenzene	11.36	91	258016	21.384	ug/l	99
79) 2-Chlorotoluene	11.42	91	157301	20.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	192458	19.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19045	15.326	ug/l	96
82) 4-Chlorotoluene	11.51	91	183663	20.747	ug/l	99
83) tert-Butylbenzene	11.77	119	183904	21.241	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	197095	19.709	ug/l	99
85) sec-Butylbenzene	11.94	105	226867	21.512	ug/l	100
86) p-Isopropyltoluene	12.07	119	201849	21.126	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	113489	19.898	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	114526	19.452	ug/l	98
89) n-Butylbenzene	12.39	91	172880	19.923	ug/l	99
90) Hexachloroethane	12.60	117	31175	19.597	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	115352	19.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19450	20.694	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	83683	20.014	ug/l	98
94) Hexachlorobutadiene	13.79	225	42831	19.755	ug/l	99
95) Naphthalene	13.83	128	257911	19.037	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87935	20.359	ug/l	99

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

