

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012752.D
 Acq On : 02 Oct 2019 11:43
 Operator : JC/SP
 Sample : VX1002WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 10:50:45 AM

Quant Time: Oct 03 02:02:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	123018	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	5.48	113	93347	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	353984	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	134700	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	33952	16.184	ug/l	100
3) Chloromethane	1.32	50	39398	16.355	ug/l	96
4) Vinyl Chloride	1.40	62	40118	16.755	ug/l	96
5) Bromomethane	1.63	94	18812	19.983	ug/l	97
6) Chloroethane	1.72	64	26613	16.487	ug/l	97
7) Trichlorofluoromethane	1.92	101	57652	17.150	ug/l	93
8) Diethyl Ether	2.18	74	23277	16.896	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37402	18.267	ug/l	97
10) Methyl Iodide	2.50	142	31979	18.310	ug/l	93
11) Tert butyl alcohol	3.03	59	58976	86.941	ug/l	98
12) 1,1-Dichloroethene	2.36	96	35597	17.754	ug/l	93
13) Acrolein	2.28	56	24572	72.597	ug/l	98
14) Allyl chloride	2.72	41	66381	16.688	ug/l	97
15) Acrylonitrile	3.13	53	121398	88.211	ug/l	97
16) Acetone	2.43	43	121097	84.192	ug/l	94
17) Carbon Disulfide	2.56	76	87765	15.614	ug/l	98
18) Methyl Acetate	2.76	43	57428	16.956	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	134659	17.744	ug/l	97
20) Methylene Chloride	2.84	84	43152	17.738	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	39891	17.959	ug/l	96
22) Diisopropyl ether	3.84	45	135261	17.598	ug/l	97
23) Vinyl Acetate	3.80	43	580919	86.183	ug/l	98
24) 1,1-Dichloroethane	3.68	63	73818	17.668	ug/l	97
25) 2-Butanone	4.66	43	172909	83.840	ug/l	96
26) 2,2-Dichloropropane	4.57	77	62016	16.689	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	46264	17.950	ug/l	93
28) Bromochloromethane	5.00	49	27908	18.396	ug/l #	15
29) Tetrahydrofuran	5.11	42	105796	84.164	ug/l	95
30) Chloroform	5.20	83	75369	17.632	ug/l	97
31) Cyclohexane	5.57	56	65395	17.301	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	67007	17.687	ug/l	99
36) 1,1-Dichloropropene	5.78	75	54520	17.806	ug/l	96
37) Ethyl Acetate	4.81	43	63995	17.877	ug/l	98
38) Carbon Tetrachloride	5.78	117	55635	17.887	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65653	17.811	ug/l	96
40) Benzene	6.13	78	167287	18.569	ug/l	98
41) Methacrylonitrile	5.03	41	34728	17.291	ug/l	94
42) 1,2-Dichloroethane	6.18	62	63076	18.437	ug/l	99
43) Isopropyl Acetate	6.43	43	102935	17.195	ug/l	98
44) Trichloroethene	7.20	130	44260	19.217	ug/l	95
45) 1,2-Dichloropropane	7.51	63	43189	18.724	ug/l	95
46) Dibromomethane	7.65	93	27974	17.813	ug/l	99
47) Bromodichloromethane	7.89	83	55766	17.767	ug/l	100
48) Methyl methacrylate	7.76	41	49889	17.380	ug/l	94
49) 1,4-Dioxane	7.73	88	24221	372.015	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	325308	88.032	ug/l	96
52) Toluene	8.78	92	106617	18.829	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	60621	17.457	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66999	17.670	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	42425	18.846	ug/l	97
56) Ethyl methacrylate	9.17	69	67446	17.834	ug/l	92
57) 1,3-Dichloropropane	9.37	76	74040	18.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	155669	91.698	ug/l	99
59) 2-Hexanone	9.48	43	247259	87.415	ug/l	97
60) Dibromochloromethane	9.58	129	42092	18.471	ug/l	100
61) 1,2-Dibromoethane	9.67	107	44286	18.903	ug/l	100
64) Tetrachloroethene	9.33	164	40145	20.458	ug/l	98
65) Chlorobenzene	10.14	112	110291	18.609	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	41291	19.228	ug/l	99
67) Ethyl Benzene	10.25	91	200842	18.684	ug/l	99
68) m/p-Xylenes	10.35	106	150206	37.301	ug/l	100
69) o-Xylene	10.70	106	71770	18.419	ug/l	97
70) Styrene	10.71	104	122989	18.828	ug/l	99
71) Bromoform	10.85	173	26581	17.777	ug/l #	99
73) Isopropylbenzene	11.01	105	197610	18.975	ug/l	100
74) N-amyl acetate	10.89	43	84815	17.071	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	63413	18.386	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60792m	17.973	ug/l	
77) Bromobenzene	11.25	156	43587	18.492	ug/l	98
78) n-propylbenzene	11.35	91	216884	18.498	ug/l	100
79) 2-Chlorotoluene	11.42	91	132614	18.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165362	18.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18981	16.082	ug/l	97
82) 4-Chlorotoluene	11.51	91	154180	18.492	ug/l	100
83) tert-Butylbenzene	11.77	119	155806	18.495	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	170071	19.305	ug/l	99
85) sec-Butylbenzene	11.94	105	188494	19.237	ug/l	99
86) p-Isopropyltoluene	12.06	119	171573	19.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81135	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	80899	18.874	ug/l	98
89) n-Butylbenzene	12.39	91	141497	18.162	ug/l	99
90) Hexachloroethane	12.59	117	28524	18.096	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81697	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14351	16.634	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48975	18.911	ug/l	99
94) Hexachlorobutadiene	13.78	225	22226	19.949	ug/l	99
95) Naphthalene	13.83	128	176976	18.888	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	50613	19.510	ug/l	98

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

