

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012931.D
 Acq On : 09 Oct 2019 10:43
 Operator : JC/SP
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:33:06 AM

Quant Time: Oct 10 02:05:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	178285	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	295078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	267144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113586	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.48	113	89257	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	8.71	98	344299	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.13	95	133969	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37292	20.521	ug/l	99
3) Chloromethane	1.32	50	39369	19.906	ug/l	99
4) Vinyl Chloride	1.40	62	39120	19.164	ug/l	99
5) Bromomethane	1.63	94	20314	23.939	ug/l	98
6) Chloroethane	1.72	64	26446	21.420	ug/l	96
7) Trichlorofluoromethane	1.92	101	56468	20.495	ug/l	99
8) Diethyl Ether	2.17	74	22369	20.114	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36133	20.263	ug/l	98
10) Methyl Iodide	2.50	142	29093	18.019	ug/l	99
11) Tert butyl alcohol	3.03	59	51710	87.539	ug/l	98
12) 1,1-Dichloroethene	2.36	96	35182	19.528	ug/l	99
13) Acrolein	2.28	56	31493	75.020	ug/l	100
14) Allyl chloride	2.72	41	62136	19.366	ug/l	99
15) Acrylonitrile	3.12	53	108572	96.988	ug/l	100
16) Acetone	2.43	43	117863	100.347	ug/l	99
17) Carbon Disulfide	2.56	76	92529	18.011	ug/l	99
18) Methyl Acetate	2.76	43	51523	18.507	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	124353	19.987	ug/l	100
20) Methylene Chloride	2.84	84	40652	18.833	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	37472	19.405	ug/l	93
22) Diisopropyl ether	3.84	45	125351	20.389	ug/l	98
23) Vinyl Acetate	3.80	43	531145	100.075	ug/l	99
24) 1,1-Dichloroethane	3.69	63	69638	20.134	ug/l	99
25) 2-Butanone	4.65	43	159996	98.185	ug/l	99
26) 2,2-Dichloropropane	4.57	77	57993	19.939	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	43852	19.701	ug/l	98
28) Bromochloromethane	5.00	49	21013	20.061	ug/l	98
29) Tetrahydrofuran	5.11	42	96894	96.627	ug/l	99
30) Chloroform	5.19	83	69719	19.645	ug/l	97
31) Cyclohexane	5.57	56	65224	20.167	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	60697	20.185	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53781	20.730	ug/l	100
37) Ethyl Acetate	4.82	43	56884	19.609	ug/l	100
38) Carbon Tetrachloride	5.77	117	49650	19.662	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	67767	21.539	ug/l	99
40) Benzene	6.13	78	156642	20.443	ug/l	98
41) Methacrylonitrile	5.02	41	30748	19.289	ug/l	99
42) 1,2-Dichloroethane	6.18	62	56773	20.648	ug/l	100
43) Isopropyl Acetate	6.43	43	92181	19.798	ug/l	99
44) Trichloroethene	7.20	130	41036	19.313	ug/l	90
45) 1,2-Dichloropropane	7.51	63	39462	20.207	ug/l	95
46) Dibromomethane	7.65	93	26059	20.028	ug/l	97
47) Bromodichloromethane	7.89	83	50623	19.937	ug/l	97
48) Methyl methacrylate	7.76	41	44445	19.588	ug/l	98
49) 1,4-Dioxane	7.73	88	21744	379.660	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	289753	99.811	ug/l	100
52) Toluene	8.78	92	100511	20.504	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	54594	18.650	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62038	19.865	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	39711	20.470	ug/l	98
56) Ethyl methacrylate	9.17	69	62408	19.138	ug/l	100
57) 1,3-Dichloropropane	9.36	76	67143	20.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	145297	101.953	ug/l	99
59) 2-Hexanone	9.48	43	223198	98.769	ug/l	100
60) Dibromochloromethane	9.57	129	38454	19.008	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41176	20.177	ug/l	99
64) Tetrachloroethene	9.33	164	40084	21.633	ug/l	91
65) Chlorobenzene	10.13	112	105231	19.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	36620	19.909	ug/l	98
67) Ethyl Benzene	10.25	91	190553	20.221	ug/l	100
68) m/p-Xylenes	10.35	106	144832	41.141	ug/l	99
69) o-Xylene	10.70	106	70060	20.408	ug/l	100
70) Styrene	10.71	104	118741	20.346	ug/l	98
71) Bromoform	10.85	173	25238	18.230	ug/l #	100
73) Isopropylbenzene	11.01	105	188790	20.978	ug/l	99
74) N-amyl acetate	10.89	43	77152	19.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60492	20.210	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	51584m	19.000	ug/l	
77) Bromobenzene	11.25	156	43101	20.324	ug/l	96
78) n-propylbenzene	11.35	91	207169	20.921	ug/l	99
79) 2-Chlorotoluene	11.42	91	126957	20.400	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	159998	21.292	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	16524	18.457	ug/l	89
82) 4-Chlorotoluene	11.51	91	149322	20.933	ug/l	98
83) tert-Butylbenzene	11.76	119	146169	19.941	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	155032	20.371	ug/l	96
85) sec-Butylbenzene	11.94	105	181726	21.399	ug/l	98
86) p-Isopropyltoluene	12.06	119	164387	20.871	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77955	19.795	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	79537	19.942	ug/l	98
89) n-Butylbenzene	12.39	91	137770	20.812	ug/l	99
90) Hexachloroethane	12.59	117	25540	18.884	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77990	20.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13478	19.212	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47282	19.550	ug/l	99
94) Hexachlorobutadiene	13.78	225	22071	19.775	ug/l	99
95) Naphthalene	13.83	128	159935	19.077	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49070	19.634	ug/l	99

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

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