

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012574.D
 Acq On : 20 Sep 2019 22:35
 Operator : JC/SP
 Sample : VX0920WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:28:50 AM

Quant Time: Sep 21 03:48:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	120755	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	5.49	113	88569	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	8.71	98	329675	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.14	95	130549	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21897	19.593	ug/l	97
3) Chloromethane	1.32	50	19302	20.703	ug/l	97
4) Vinyl Chloride	1.40	62	21137	20.976	ug/l	99
5) Bromomethane	1.63	94	9338	23.587	ug/l	93
6) Chloroethane	1.72	64	15483	19.635	ug/l	95
7) Trichlorofluoromethane	1.92	101	39675	21.478	ug/l	98
8) Diethyl Ether	2.18	74	17821	21.359	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27638	20.679	ug/l	99
10) Methyl Iodide	2.50	142	21855	21.804	ug/l	97
11) Tert butyl alcohol	3.03	59	65362	102.582	ug/l	98
12) 1,1-Dichloroethene	2.36	96	22798	21.382	ug/l	93
13) Acrolein	2.28	56	17241	79.638	ug/l	99
14) Allyl chloride	2.72	41	49050	19.760	ug/l	99
15) Acrylonitrile	3.13	53	112304	106.627	ug/l	99
16) Acetone	2.44	43	105314	89.726	ug/l	99
17) Carbon Disulfide	2.56	76	25357	18.015	ug/l	100
18) Methyl Acetate	2.76	43	53640	21.179	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	124173	21.360	ug/l	100
20) Methylene Chloride	2.84	84	30642	20.831	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	23772	21.471	ug/l	97
22) Diisopropyl ether	3.85	45	122870	21.141	ug/l	93
23) Vinyl Acetate	3.80	43	501135	104.817	ug/l	98
24) 1,1-Dichloroethane	3.69	63	59680	21.461	ug/l	98
25) 2-Butanone	4.66	43	164835	97.769	ug/l	100
26) 2,2-Dichloropropane	4.58	77	46338	16.943	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	35758	21.620	ug/l	95
28) Bromochloromethane	5.01	49	29662	20.690	ug/l	99
29) Tetrahydrofuran	5.12	42	99995	107.361	ug/l	100
30) Chloroform	5.20	83	66303	20.761	ug/l	98
31) Cyclohexane	5.57	56	34610	20.617	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	55228	20.690	ug/l	100
36) 1,1-Dichloropropene	5.79	75	35361	20.315	ug/l	98
37) Ethyl Acetate	4.83	43	59144	22.135	ug/l	97
38) Carbon Tetrachloride	5.78	117	43341	20.020	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33710	19.921	ug/l	96
40) Benzene	6.14	78	119090	21.515	ug/l	98
41) Methacrylonitrile	5.03	41	34626	20.126	ug/l	97
42) 1,2-Dichloroethane	6.18	62	53944	21.012	ug/l	99
43) Isopropyl Acetate	6.43	43	98734	20.588	ug/l	99
44) Trichloroethene	7.21	130	32814	22.536	ug/l	100
45) 1,2-Dichloropropane	7.51	63	35588	20.927	ug/l	99
46) Dibromomethane	7.65	93	23663	21.502	ug/l	99
47) Bromodichloromethane	7.89	83	49665	20.269	ug/l	98
48) Methyl methacrylate	7.76	41	45544	20.147	ug/l	99
49) 1,4-Dioxane	7.73	88	21922	398.442	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	332810	105.824	ug/l	99
52) Toluene	8.78	92	76606	21.478	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	48938	19.213	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	53252	20.195	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	39743	21.628	ug/l	96
56) Ethyl methacrylate	9.17	69	60299	20.988	ug/l	97
57) 1,3-Dichloropropane	9.37	76	63470	21.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	153703	103.351	ug/l	99
59) 2-Hexanone	9.49	43	250947	102.278	ug/l	100
60) Dibromochloromethane	9.58	129	38933	20.800	ug/l	98
61) 1,2-Dibromoethane	9.67	107	36842	21.952	ug/l	98
64) Tetrachloroethene	9.33	164	30324	26.048	ug/l	98
65) Chlorobenzene	10.14	112	89790	21.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	36914	21.212	ug/l	99
67) Ethyl Benzene	10.25	91	154578	21.457	ug/l	99
68) m/p-Xylenes	10.35	106	114327	43.616	ug/l	99
69) o-Xylene	10.70	106	58600	21.738	ug/l	99
70) Styrene	10.71	104	103429	21.686	ug/l	98
71) Bromoform	10.85	173	25704	19.040	ug/l #	99
73) Isopropylbenzene	11.01	105	168208	21.780	ug/l	100
74) N-amyl acetate	10.89	43	83883	20.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	64267	21.213	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59317m	20.979	ug/l	
77) Bromobenzene	11.25	156	40281	21.386	ug/l	100
78) n-propylbenzene	11.35	91	177478	20.619	ug/l	98
79) 2-Chlorotoluene	11.42	91	115146	20.563	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	137474	20.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16060	17.724	ug/l	91
82) 4-Chlorotoluene	11.51	91	133088	20.708	ug/l	100
83) tert-Butylbenzene	11.76	119	143698	20.360	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	140348	20.753	ug/l	100
85) sec-Butylbenzene	11.94	105	162654	20.914	ug/l	98
86) p-Isopropyltoluene	12.06	119	144910	20.292	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74651	21.070	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	73093	20.083	ug/l	97
89) n-Butylbenzene	12.39	91	119100	18.692	ug/l	99
90) Hexachloroethane	12.59	117	24463	18.682	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	79192	21.385	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15720	20.015	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48021	20.133	ug/l	99
94) Hexachlorobutadiene	13.78	225	21160	18.822	ug/l	97
95) Naphthalene	13.83	128	177191	20.877	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	50060	20.595	ug/l	99

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

