

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014015.D
 Acq On : 13 Dec 2019 19:21
 Operator : JC/SP
 Sample : VX1213WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Manual Integrations
 APPROVED

apatel
 12/17/2019 2:48:49 PM

Quant Time: Dec 17 03:06:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	566902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	865860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	384853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	319713	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	5.49	113	258730	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.71	98	1024933	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	361149	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	97495	19.223	ug/l 96
3) Chloromethane	1.32	50	135270	19.874	ug/l 100
4) Vinyl Chloride	1.40	62	135015	18.800	ug/l 100
5) Bromomethane	1.63	94	93498	18.343	ug/l 99
6) Chloroethane	1.70	64	82411	18.592	ug/l # 88
7) Trichlorofluoromethane	1.92	101	169626	19.080	ug/l 94
8) Diethyl Ether	2.18	74	78701	18.862	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102077	19.047	ug/l 99
10) Methyl Iodide	2.50	142	116012	18.175	ug/l 99
11) Tert butyl alcohol	3.05	59	142378	102.555	ug/l 100
12) 1,1-Dichloroethene	2.36	96	103526	18.984	ug/l 97
13) Acrolein	2.28	56	94041	118.334	ug/l 97
14) Allyl chloride	2.72	41	185273	19.028	ug/l 99
15) Acrylonitrile	3.13	53	318684	98.347	ug/l 99
16) Acetone	2.44	43	280547	67.258	ug/l 99
17) Carbon Disulfide	2.56	76	280113	18.975	ug/l 99
18) Methyl Acetate	2.76	43	159333	19.277	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	344096	19.202	ug/l 97
20) Methylene Chloride	2.84	84	122602	18.665	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	114740	19.099	ug/l 97
22) Diisopropyl ether	3.84	45	377648	19.464	ug/l 98
23) Vinyl Acetate	3.80	43	1623053	102.507	ug/l 100
24) 1,1-Dichloroethane	3.69	63	201160	18.635	ug/l 97
25) 2-Butanone	4.66	43	445115	86.554	ug/l 99
26) 2,2-Dichloropropane	4.58	77	158618	18.925	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	128386	18.896	ug/l 98
28) Bromochloromethane	5.00	49	84853	20.707	ug/l 100
29) Tetrahydrofuran	5.12	42	283082	98.415	ug/l 99
30) Chloroform	5.20	83	196950	19.246	ug/l 96
31) Cyclohexane	5.56	56	186497	19.425	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	166734	19.118	ug/l 99
36) 1,1-Dichloropropene	5.79	75	148723	18.720	ug/l 99
37) Ethyl Acetate	4.82	43	176713	20.142	ug/l 99
38) Carbon Tetrachloride	5.78	117	137155	18.950	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187178	19.081	ug/l	97
40) Benzene	6.13	78	465889	19.059	ug/l	99
41) Methacrylonitrile	5.03	41	95320	19.582	ug/l	98
42) 1,2-Dichloroethane	6.18	62	161291	19.465	ug/l	99
43) Isopropyl Acetate	6.43	43	284712	19.609	ug/l	99
44) Trichloroethene	7.20	130	124959	18.507	ug/l	99
45) 1,2-Dichloropropane	7.51	63	121554	19.401	ug/l	95
46) Dibromomethane	7.65	93	77713	18.760	ug/l	99
47) Bromodichloromethane	7.89	83	145626	18.666	ug/l	97
48) Methyl methacrylate	7.76	41	138201	19.438	ug/l	99
49) 1,4-Dioxane	7.73	88	57262	395.772	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	901449	98.861	ug/l	99
52) Toluene	8.78	92	296947	19.219	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163021	19.057	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	183937	19.300	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	121195	19.571	ug/l	97
56) Ethyl methacrylate	9.17	69	188303	19.358	ug/l	98
57) 1,3-Dichloropropane	9.37	76	202039	19.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	359451	97.644	ug/l	99
59) 2-Hexanone	9.49	43	688456	93.791	ug/l	99
60) Dibromochloromethane	9.58	129	116884	18.989	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123202	19.445	ug/l	100
64) Tetrachloroethene	9.33	164	115742	16.864	ug/l	98
65) Chlorobenzene	10.14	112	313635	19.017	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	113094	19.206	ug/l	98
67) Ethyl Benzene	10.24	91	552476	19.485	ug/l	100
68) m/p-Xylenes	10.35	106	420596	38.568	ug/l	99
69) o-Xylene	10.70	106	206442	19.302	ug/l	99
70) Styrene	10.71	104	342819	18.955	ug/l	99
71) Bromoform	10.85	173	88549	18.707	ug/l #	99
73) Isopropylbenzene	11.01	105	535804	19.774	ug/l	99
74) N-amyl acetate	10.89	43	249737	19.662	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	189943	20.219	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	168386m	20.154	ug/l	
77) Bromobenzene	11.25	156	140340	18.824	ug/l	98
78) n-propylbenzene	11.35	91	595999	19.609	ug/l	99
79) 2-Chlorotoluene	11.42	91	362434	19.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	450045	19.735	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55259	18.668	ug/l	93
82) 4-Chlorotoluene	11.51	91	415014	19.365	ug/l	99
83) tert-Butylbenzene	11.76	119	449512	20.255	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	453813	19.871	ug/l	99
85) sec-Butylbenzene	11.94	105	512694	19.569	ug/l	99
86) p-Isopropyltoluene	12.06	119	468365	19.544	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	241519	18.484	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	240798	18.125	ug/l	99
89) n-Butylbenzene	12.38	91	382659	18.713	ug/l	100
90) Hexachloroethane	12.59	117	81791	19.001	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	247631	18.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37876	18.220	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	150794	17.639	ug/l	98
94) Hexachlorobutadiene	13.77	225	73298	17.840	ug/l	96
95) Naphthalene	13.83	128	471584	18.775	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	154765	18.339	ug/l	97

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

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