

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013814.D
 Acq On : 06 Dec 2019 21:41
 Operator : JC/SP
 Sample : VX1206WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:11 AM

Quant Time: Dec 07 04:51:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	597068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	912558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	820462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	322623	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	261826	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
50) Toluene-d8	8.71	98	1002012	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	11.14	95	355275	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	117425	17.669	ug/l	97
3) Chloromethane	1.32	50	134520	18.040	ug/l	97
4) Vinyl Chloride	1.40	62	157167	18.726	ug/l	98
5) Bromomethane	1.63	94	97025	17.214	ug/l	97
6) Chloroethane	1.72	64	89018	18.639	ug/l	100
7) Trichlorofluoromethane	1.92	101	168891	18.122	ug/l	100
8) Diethyl Ether	2.18	74	80869	19.180	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103635	18.205	ug/l	99
10) Methyl Iodide	2.50	142	114733	16.662	ug/l	99
11) Tert butyl alcohol	3.03	59	150248	87.828	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102105	17.970	ug/l	97
13) Acrolein	2.28	56	98625	90.139	ug/l	98
14) Allyl chloride	2.72	41	184643	17.906	ug/l	99
15) Acrylonitrile	3.13	53	332815	94.250	ug/l	100
16) Acetone	2.43	43	380129	111.093	ug/l	99
17) Carbon Disulfide	2.56	76	258439	15.955	ug/l	99
18) Methyl Acetate	2.76	43	193252	20.282	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	364218	19.349	ug/l	100
20) Methylene Chloride	2.85	84	122339	18.610	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	110778	17.896	ug/l	97
22) Diisopropyl ether	3.84	45	381872	19.233	ug/l	95
23) Vinyl Acetate	3.80	43	947100	57.339	ug/l	98
24) 1,1-Dichloroethane	3.69	63	206223	18.999	ug/l	99
25) 2-Butanone	4.66	43	503660	99.042	ug/l	98
26) 2,2-Dichloropropane	4.57	77	135311	15.067	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	130488	18.356	ug/l	99
28) Bromochloromethane	5.01	49	83859	19.543	ug/l	100
29) Tetrahydrofuran	5.12	42	293577	93.646	ug/l	99
30) Chloroform	5.20	83	203792	18.513	ug/l	100
31) Cyclohexane	5.57	56	178592	17.444	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	168318	18.298	ug/l	99
36) 1,1-Dichloropropene	5.79	75	145029	17.508	ug/l	99
37) Ethyl Acetate	4.82	43	175772	18.914	ug/l	99
38) Carbon Tetrachloride	5.77	117	140320	18.370	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175211	17.111	ug/l	98
40) Benzene	6.14	78	465968	18.469	ug/l	99
41) Methacrylonitrile	5.03	41	98079	19.244	ug/l	99
42) 1,2-Dichloroethane	6.18	62	167993	19.524	ug/l	99
43) Isopropyl Acetate	6.43	43	286825	18.748	ug/l	99
44) Trichloroethene	7.21	130	136637	19.733	ug/l	99
45) 1,2-Dichloropropane	7.51	63	122469	19.401	ug/l	94
46) Dibromomethane	7.66	93	78354	18.276	ug/l	100
47) Bromodichloromethane	7.89	83	152519	18.818	ug/l	99
48) Methyl methacrylate	7.76	41	140007	18.834	ug/l	98
49) 1,4-Dioxane	7.73	88	55129	331.319	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	919899	95.587	ug/l	99
52) Toluene	8.78	92	291797	18.617	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	161178	17.471	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	183434	18.200	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124523	19.715	ug/l	98
56) Ethyl methacrylate	9.17	69	189108	18.623	ug/l	98
57) 1,3-Dichloropropane	9.37	76	206565	18.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351497	88.284	ug/l	100
59) 2-Hexanone	9.48	43	720333	95.971	ug/l	99
60) Dibromochloromethane	9.57	129	122339	18.664	ug/l	97
61) 1,2-Dibromoethane	9.67	107	125316	18.577	ug/l	99
64) Tetrachloroethene	9.33	164	184361	30.132	ug/l	97
65) Chlorobenzene	10.14	112	315213	18.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	115698	18.914	ug/l	98
67) Ethyl Benzene	10.25	91	550192	18.796	ug/l	99
68) m/p-Xylenes	10.35	106	415736	37.096	ug/l	98
69) o-Xylene	10.70	106	204379	18.699	ug/l	99
70) Styrene	10.71	104	340285	18.508	ug/l	100
71) Bromoform	10.85	173	94073	18.587	ug/l #	100
73) Isopropylbenzene	11.01	105	533756	19.039	ug/l	99
74) N-amyl acetate	10.89	43	238914	18.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	172484	17.741	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172846m	19.228	ug/l	
77) Bromobenzene	11.25	156	143671	18.969	ug/l	99
78) n-propylbenzene	11.35	91	587084	18.759	ug/l	99
79) 2-Chlorotoluene	11.42	91	357481	19.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	443506	19.302	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52242	15.899	ug/l	93
82) 4-Chlorotoluene	11.51	91	403867	18.574	ug/l	100
83) tert-Butylbenzene	11.76	119	377900	16.183	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	445721	19.113	ug/l	100
85) sec-Butylbenzene	11.94	105	511543	19.178	ug/l	99
86) p-Isopropyltoluene	12.06	119	465590	18.763	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241362	18.281	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	243603	18.115	ug/l	99
89) n-Butylbenzene	12.38	91	382288	18.063	ug/l	99
90) Hexachloroethane	12.59	117	80155	17.871	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	243366	18.656	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38864	18.356	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156400	17.204	ug/l	98
94) Hexachlorobutadiene	13.77	225	76171	17.442	ug/l	98
95) Naphthalene	13.83	128	488289	18.035	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	164370	18.261	ug/l	99

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

