

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112919\
 Data File : VX013697.D
 Acq On : 29 Nov 2019 13:34
 Operator : JC/SP
 Sample : VX1129WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

Manual Integrations
 APPROVED

apatel
 12/2/2019 12:47:53 PM

Quant Time: Nov 29 23:02:34 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	655983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1007474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	900686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	439414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	371906	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.49	113	302579	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	1160945	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.14	95	413288	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	145382	19.911	ug/l	98
3) Chloromethane	1.32	50	160361	19.574	ug/l	100
4) Vinyl Chloride	1.40	62	183777	19.930	ug/l	100
5) Bromomethane	1.63	94	103655	16.738	ug/l	100
6) Chloroethane	1.72	64	101573	19.357	ug/l	97
7) Trichlorofluoromethane	1.92	101	199709	19.504	ug/l	100
8) Diethyl Ether	2.18	74	93306	20.142	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119780	19.152	ug/l	98
10) Methyl Iodide	2.50	142	121434	16.051	ug/l	100
11) Tert butyl alcohol	3.03	59	162241	86.321	ug/l	100
12) 1,1-Dichloroethene	2.36	96	119767	19.185	ug/l	98
13) Acrolein	2.28	56	91411	76.981	ug/l	100
14) Allyl chloride	2.72	41	214015	18.891	ug/l	98
15) Acrylonitrile	3.13	53	368431	94.966	ug/l	99
16) Acetone	2.43	43	352992	93.897	ug/l	98
17) Carbon Disulfide	2.56	76	315142	17.708	ug/l	99
18) Methyl Acetate	2.76	43	210491	20.107	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	405017	19.584	ug/l	98
20) Methylene Chloride	2.84	84	139488	19.313	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	127827	18.796	ug/l	99
22) Diisopropyl ether	3.84	45	431693	19.789	ug/l	95
23) Vinyl Acetate	3.80	43	1737811	95.760	ug/l	100
24) 1,1-Dichloroethane	3.69	63	235227	19.725	ug/l	98
25) 2-Butanone	4.65	43	530484	94.947	ug/l	99
26) 2,2-Dichloropropane	4.58	77	176915	17.931	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	147705	18.912	ug/l	100
28) Bromochloromethane	5.00	49	95052	20.162	ug/l	98
29) Tetrahydrofuran	5.12	42	334718	97.181	ug/l	99
30) Chloroform	5.20	83	266305	22.019	ug/l	100
31) Cyclohexane	5.57	56	213037	18.940	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	192486	19.046	ug/l	100
36) 1,1-Dichloropropene	5.79	75	172460	18.858	ug/l	99
37) Ethyl Acetate	4.82	43	199255	19.421	ug/l	99
38) Carbon Tetrachloride	5.78	117	163277	19.362	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207651	18.369	ug/l	95
40) Benzene	6.14	78	536977	19.279	ug/l	97
41) Methacrylonitrile	5.03	41	109232	19.414	ug/l	98
42) 1,2-Dichloroethane	6.18	62	186071	19.588	ug/l	100
43) Isopropyl Acetate	6.43	43	318488	18.856	ug/l	100
44) Trichloroethene	7.20	130	145056	18.976	ug/l	94
45) 1,2-Dichloropropane	7.51	63	139608	20.033	ug/l	98
46) Dibromomethane	7.65	93	91007	19.228	ug/l	99
47) Bromodichloromethane	7.89	83	175732	19.640	ug/l	99
48) Methyl methacrylate	7.76	41	156919	19.121	ug/l	99
49) 1,4-Dioxane	7.73	88	69038	375.821	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1022540	96.242	ug/l	100
52) Toluene	8.78	92	333652	19.282	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	186194	18.282	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	208909	18.775	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	138188	19.817	ug/l	99
56) Ethyl methacrylate	9.17	69	212889	18.989	ug/l	99
57) 1,3-Dichloropropane	9.37	76	230341	19.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	413119	93.986	ug/l	99
59) 2-Hexanone	9.48	43	783902	94.601	ug/l	99
60) Dibromochloromethane	9.58	129	136951	18.925	ug/l	99
61) 1,2-Dibromoethane	9.67	107	144861	19.451	ug/l	98
64) Tetrachloroethene	9.33	164	130313	19.401	ug/l	98
65) Chlorobenzene	10.14	112	357807	19.134	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	131771	19.623	ug/l	99
67) Ethyl Benzene	10.25	91	625671	19.471	ug/l	99
68) m/p-Xylenes	10.35	106	472371	38.396	ug/l	99
69) o-Xylene	10.70	106	228597	19.052	ug/l	96
70) Styrene	10.71	104	394895	19.565	ug/l	99
71) Bromoform	10.85	173	104609	18.828	ug/l #	99
73) Isopropylbenzene	11.01	105	615776	19.978	ug/l	100
74) N-amyl acetate	10.89	43	276333	19.571	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	214955	20.109	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	168470m	17.046	ug/l	
77) Bromobenzene	11.25	156	160954	19.329	ug/l	99
78) n-propylbenzene	11.35	91	676925	19.673	ug/l	100
79) 2-Chlorotoluene	11.42	91	409799	19.854	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	508374	20.124	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63495	17.576	ug/l	97
82) 4-Chlorotoluene	11.51	91	466928	19.532	ug/l	99
83) tert-Butylbenzene	11.77	119	512216	19.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	510281	19.903	ug/l	99
85) sec-Butylbenzene	11.94	105	579884	19.774	ug/l	99
86) p-Isopropyltoluene	12.06	119	529531	19.410	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	277313	19.105	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	272477	18.430	ug/l	99
89) n-Butylbenzene	12.39	91	441216	18.962	ug/l	99
90) Hexachloroethane	12.59	117	91885	18.634	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	276251	19.262	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43609	18.734	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	179893	17.998	ug/l	99
94) Hexachlorobutadiene	13.78	225	85763	17.862	ug/l	98
95) Naphthalene	13.83	128	562314	18.891	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	183181	18.510	ug/l	100

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

