

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015559.D
 Acq On : 08 Apr 2020 11:23
 Operator : JC/SP
 Sample : VX0408WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:42 AM

Quant Time: Apr 09 06:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1133559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1667209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1567959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	834013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	723492	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
35) Dibromofluoromethane	5.47	113	529566	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.70	98	1951083	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.12	95	788061	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	188697	18.895	ug/l	97
3) Chloromethane	1.31	50	213581	16.793	ug/l	99
4) Vinyl Chloride	1.39	62	209624	17.950	ug/l	99
5) Bromomethane	1.63	94	135475	20.374	ug/l	98
6) Chloroethane	1.71	64	136815	18.890	ug/l	97
7) Trichlorofluoromethane	1.92	101	309142	19.739	ug/l	97
8) Diethyl Ether	2.17	74	122660	18.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202464	19.831	ug/l	98
10) Methyl Iodide	2.49	142	209811	15.242	ug/l	99
11) Tert butyl alcohol	3.01	59	308892	80.720	ug/l	100
12) 1,1-Dichloroethene	2.36	96	196362	18.348	ug/l	100
13) Acrolein	2.27	56	217583	99.815	ug/l	98
14) Allyl chloride	2.70	41	437578	17.499	ug/l	97
15) Acrylonitrile	3.11	53	615733	84.372	ug/l	99
16) Acetone	2.42	43	606635	88.319	ug/l	98
17) Carbon Disulfide	2.55	76	549332	16.826	ug/l	99
18) Methyl Acetate	2.75	43	302166	17.236	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	739036	17.805	ug/l	98
20) Methylene Chloride	2.83	84	223247	17.401	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	211590	17.815	ug/l	99
22) Diisopropyl ether	3.83	45	814217	18.375	ug/l	93
23) Vinyl Acetate	3.78	43	3613564	90.071	ug/l	99
24) 1,1-Dichloroethane	3.67	63	412713	17.690	ug/l	98
25) 2-Butanone	4.64	43	924790	83.720	ug/l	97
26) 2,2-Dichloropropane	4.55	77	382068	19.952	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	241591	17.581	ug/l	96
28) Bromochloromethane	4.98	49	191386	17.182	ug/l	99
29) Tetrahydrofuran	5.09	42	581376	81.869	ug/l	99
30) Chloroform	5.17	83	408336	18.192	ug/l	99
31) Cyclohexane	5.55	56	379567	18.754	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	373018	18.363	ug/l	98
36) 1,1-Dichloropropene	5.77	75	312442	20.339	ug/l	99
37) Ethyl Acetate	4.80	43	357848	17.891	ug/l	99
38) Carbon Tetrachloride	5.75	117	332427	19.980	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	375154	21.181	ug/l	98
40) Benzene	6.11	78	879935	19.555	ug/l	98
41) Methacrylonitrile	5.00	41	206062	18.559	ug/l	99
42) 1,2-Dichloroethane	6.17	62	354644	19.621	ug/l	99
43) Isopropyl Acetate	6.41	43	612692	18.146	ug/l	100
44) Trichloroethene	7.19	130	245397	19.996	ug/l	97
45) 1,2-Dichloropropane	7.49	63	234286	19.033	ug/l	96
46) Dibromomethane	7.64	93	154040	19.077	ug/l	97
47) Bromodichloromethane	7.87	83	334686	19.452	ug/l	97
48) Methyl methacrylate	7.75	41	308595	18.298	ug/l	99
49) 1,4-Dioxane	7.72	88	115521	367.175	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1803799	94.265	ug/l	99
52) Toluene	8.76	92	555270	20.015	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	370151	18.343	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	398367	19.380	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	222516	19.577	ug/l	99
56) Ethyl methacrylate	9.16	69	370753	18.509	ug/l	99
57) 1,3-Dichloropropane	9.36	76	387796	18.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	929385	95.386	ug/l	100
59) 2-Hexanone	9.47	43	1365790	94.540	ug/l	99
60) Dibromochloromethane	9.56	129	258107	18.898	ug/l	97
61) 1,2-Dibromoethane	9.65	107	236377	19.126	ug/l	97
64) Tetrachloroethene	9.32	164	239789	20.264	ug/l	96
65) Chlorobenzene	10.12	112	614319	19.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	238797	19.115	ug/l	99
67) Ethyl Benzene	10.24	91	1093406	19.715	ug/l	99
68) m/p-Xylenes	10.34	106	821720	39.790	ug/l	100
69) o-Xylene	10.68	106	399306	19.567	ug/l	98
70) Styrene	10.70	104	687556	19.147	ug/l	99
71) Bromoform	10.84	173	206507	18.159	ug/l #	100
73) Isopropylbenzene	11.01	105	1073595	19.646	ug/l	99
74) N-amyl acetate	10.89	43	534181	17.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	339700	18.116	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320321m	18.677	ug/l	
77) Bromobenzene	11.24	156	281741	19.329	ug/l	97
78) n-propylbenzene	11.35	91	1233763	19.745	ug/l	100
79) 2-Chlorotoluene	11.40	91	751192	19.614	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	920517	19.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118753	16.614	ug/l	96
82) 4-Chlorotoluene	11.50	91	880609	19.613	ug/l	99
83) tert-Butylbenzene	11.76	119	921166	20.207	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953224	20.043	ug/l	100
85) sec-Butylbenzene	11.93	105	1079701	20.479	ug/l	98
86) p-Isopropyltoluene	12.05	119	1014213	20.722	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	510505	19.564	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	517927	19.486	ug/l	98
89) n-Butylbenzene	12.37	91	901791	20.389	ug/l	100
90) Hexachloroethane	12.59	117	179318	18.823	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	502015	19.658	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	83941	15.861	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380007	18.813	ug/l	97
94) Hexachlorobutadiene	13.77	225	185993	19.340	ug/l	97
95) Naphthalene	13.82	128	1130237	18.343	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	380676	19.574	ug/l	96

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

