

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010320\
 Data File : VX014398.D
 Acq On : 03 Jan 2020 14:17
 Operator : JC/SP
 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:42:09 AM

Quant Time: Jan 06 03:04:24 2020
 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	493172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	747238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	275748	49.33	ug/l	0.00
Spiked Amount						
			Recovery	=	98.66%	
35) Dibromofluoromethane	5.49	113	231073	50.87	ug/l	0.00
Spiked Amount						
			Recovery	=	101.74%	
50) Toluene-d8	8.71	98	884428	50.01	ug/l	0.00
Spiked Amount						
			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	306716	47.45	ug/l	0.00
Spiked Amount						
			Recovery	=	94.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	69652	15.787	ug/l	98
3) Chloromethane	1.32	50	96294	16.263	ug/l	96
4) Vinyl Chloride	1.40	62	105875	16.946	ug/l	98
5) Bromomethane	1.63	94	73022	16.467	ug/l	100
6) Chloroethane	1.72	64	71964	18.663	ug/l	94
7) Trichlorofluoromethane	1.92	101	143830	18.597	ug/l	97
8) Diethyl Ether	2.18	74	67845	18.691	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88161	18.910	ug/l	99
10) Methyl Iodide	2.50	142	93616	17.049	ug/l	99
11) Tert butyl alcohol	3.03	59	118400	98.034	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86028	18.134	ug/l	99
13) Acrolein	2.28	56	51658	74.720	ug/l	100
14) Allyl chloride	2.72	41	157021	18.538	ug/l	99
15) Acrylonitrile	3.13	53	278998	98.972	ug/l	99
16) Acetone	2.43	43	250360	68.994	ug/l	97
17) Carbon Disulfide	2.56	76	199162	15.646	ug/l	99
18) Methyl Acetate	2.76	43	145511	20.237	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	310143	19.895	ug/l	96
20) Methylene Chloride	2.85	84	105248	18.418	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	92584	17.715	ug/l	99
22) Diisopropyl ether	3.84	45	333330	19.748	ug/l	96
23) Vinyl Acetate	3.80	43	1405739	102.055	ug/l	100
24) 1,1-Dichloroethane	3.69	63	177177	18.867	ug/l	99
25) 2-Butanone	4.66	43	384747	86.000	ug/l	99
26) 2,2-Dichloropropane	4.58	77	138945	19.056	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	111500	18.864	ug/l	99
28) Bromochloromethane	5.00	49	74581	20.917	ug/l	97
29) Tetrahydrofuran	5.11	42	249939	99.883	ug/l	100
30) Chloroform	5.20	83	173795	19.522	ug/l	100
31) Cyclohexane	5.58	56	153625	18.393	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	141979	18.713	ug/l	100
36) 1,1-Dichloropropene	5.79	75	125805	18.349	ug/l	99
37) Ethyl Acetate	4.82	43	154355	20.387	ug/l	100
38) Carbon Tetrachloride	5.78	117	120883	19.354	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156052	18.433	ug/l	98
40) Benzene	6.14	78	404017	19.151	ug/l	99
41) Methacrylonitrile	5.03	41	85325	20.311	ug/l	99
42) 1,2-Dichloroethane	6.19	62	137272	19.196	ug/l	99
43) Isopropyl Acetate	6.44	43	247306	19.737	ug/l	99
44) Trichloroethene	7.21	130	105926	18.179	ug/l	96
45) 1,2-Dichloropropane	7.51	63	107075	19.803	ug/l	98
46) Dibromomethane	7.65	93	66481	18.596	ug/l	98
47) Bromodichloromethane	7.89	83	132921	19.742	ug/l	100
48) Methyl methacrylate	7.76	41	117738	19.189	ug/l	99
49) 1,4-Dioxane	7.73	88	46116	369.334	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	777705	98.829	ug/l	99
52) Toluene	8.78	92	250772	18.807	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	143247	19.403	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	159436	19.385	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104827	19.615	ug/l	95
56) Ethyl methacrylate	9.17	69	162478	19.354	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176182	19.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	313620	98.718	ug/l	99
59) 2-Hexanone	9.48	43	579440	91.471	ug/l	100
60) Dibromochloromethane	9.57	129	104422	19.657	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108446	19.833	ug/l	100
64) Tetrachloroethene	9.33	164	110234	18.906	ug/l	97
65) Chlorobenzene	10.14	112	268194	19.142	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	101668	20.323	ug/l	99
67) Ethyl Benzene	10.25	91	470210	19.521	ug/l	99
68) m/p-Xylenes	10.36	106	358194	38.664	ug/l	100
69) o-Xylene	10.70	106	172504	18.986	ug/l	100
70) Styrene	10.71	104	295199	19.213	ug/l	100
71) Bromoform	10.85	173	78858	19.610	ug/l #	99
73) Isopropylbenzene	11.01	105	464291	20.536	ug/l	100
74) N-amyl acetate	10.89	43	205416	19.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	159863	20.395	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131894m	18.919	ug/l	
77) Bromobenzene	11.25	156	119791	19.257	ug/l	98
78) n-propylbenzene	11.35	91	513259	20.239	ug/l	100
79) 2-Chlorotoluene	11.42	91	307601	19.954	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	382690	20.112	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49229	19.932	ug/l	97
82) 4-Chlorotoluene	11.51	91	346215	19.362	ug/l	100
83) tert-Butylbenzene	11.76	119	370944	20.032	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	379025	19.891	ug/l	100
85) sec-Butylbenzene	11.94	105	440961	20.172	ug/l	99
86) p-Isopropyltoluene	12.06	119	399631	19.986	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207526	19.035	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	207029	18.676	ug/l	99
89) n-Butylbenzene	12.39	91	331083	19.405	ug/l	100
90) Hexachloroethane	12.59	117	69641	19.390	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	209403	19.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32612	18.801	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.64	180	132715	18.605	ug/l	99
94) Hexachlorobutadiene	13.78	225	68400	19.952	ug/l	97
95) Naphthalene	13.83	128	401461	19.156	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	136906	19.443	ug/l	98

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

