

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014552.D
 Acq On : 10 Jan 2020 22:10
 Operator : JC/SP
 Sample : VX0110WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:13 AM

Quant Time: Jan 11 00:37:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	630402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	257376	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.49	113	209187	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	8.71	98	829522	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	285860	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110762	19.595	ug/l	99
3) Chloromethane	1.32	50	118196	20.206	ug/l	99
4) Vinyl Chloride	1.40	62	134697	20.665	ug/l	98
5) Bromomethane	1.64	94	79211	18.333	ug/l	99
6) Chloroethane	1.72	64	76416	20.761	ug/l	98
7) Trichlorofluoromethane	1.92	101	143028	19.344	ug/l	99
8) Diethyl Ether	2.18	74	66142	19.607	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83856	18.641	ug/l	99
10) Methyl Iodide	2.50	142	101779	18.895	ug/l	99
11) Tert butyl alcohol	3.03	59	110198	103.024	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85324	18.826	ug/l	98
13) Acrolein	2.28	56	70861	82.652	ug/l	100
14) Allyl chloride	2.72	41	151188	19.000	ug/l	97
15) Acrylonitrile	3.13	53	260791	101.019	ug/l	99
16) Acetone	2.43	43	292150	111.424	ug/l	98
17) Carbon Disulfide	2.56	76	222850	17.622	ug/l	99
18) Methyl Acetate	2.76	43	161377	21.918	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	288410	19.823	ug/l	100
20) Methylene Chloride	2.85	84	100331	19.468	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	91456	18.484	ug/l	98
22) Diisopropyl ether	3.84	45	308706	20.075	ug/l	95
23) Vinyl Acetate	3.81	43	762329	64.031	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167226	19.991	ug/l	100
25) 2-Butanone	4.65	43	392385	102.541	ug/l	98
26) 2,2-Dichloropropane	4.58	77	112585	15.888	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108141	19.551	ug/l	99
28) Bromochloromethane	5.01	49	70259	19.932	ug/l	99
29) Tetrahydrofuran	5.11	42	233291	103.115	ug/l	100
30) Chloroform	5.20	83	163743	20.031	ug/l	95
31) Cyclohexane	5.57	56	156098	19.936	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	137917	19.711	ug/l	100
36) 1,1-Dichloropropene	5.79	75	123795	18.806	ug/l	99
37) Ethyl Acetate	4.82	43	139515	19.512	ug/l	99
38) Carbon Tetrachloride	5.78	117	116529	19.237	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149648	18.095	ug/l	98
40) Benzene	6.14	78	385203	19.716	ug/l	98
41) Methacrylonitrile	5.03	41	76616	20.093	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134776	19.730	ug/l	100
43) Isopropyl Acetate	6.44	43	228183	19.755	ug/l	99
44) Trichloroethene	7.20	130	113229	20.167	ug/l	98
45) 1,2-Dichloropropane	7.51	63	99923	20.061	ug/l	97
46) Dibromomethane	7.65	93	64433	18.534	ug/l	98
47) Bromodichloromethane	7.89	83	122583	19.378	ug/l	98
48) Methyl methacrylate	7.76	41	112827	20.395	ug/l	99
49) 1,4-Dioxane	7.73	88	48497	413.729	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	721903	102.564	ug/l	99
52) Toluene	8.78	92	239677	19.164	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	130116	17.667	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147587	18.551	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98659	19.640	ug/l	99
56) Ethyl methacrylate	9.17	69	151479	19.683	ug/l	100
57) 1,3-Dichloropropane	9.37	76	165430	19.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	275380	105.168	ug/l	99
59) 2-Hexanone	9.48	43	567732	101.941	ug/l	99
60) Dibromochloromethane	9.57	129	97740	19.358	ug/l	100
61) 1,2-Dibromoethane	9.67	107	102698	19.300	ug/l	97
64) Tetrachloroethene	9.33	164	153791	24.342	ug/l	94
65) Chlorobenzene	10.14	112	257995	18.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	93703	19.192	ug/l	99
67) Ethyl Benzene	10.25	91	450354	19.313	ug/l	97
68) m/p-Xylenes	10.36	106	341532	37.965	ug/l	98
69) o-Xylene	10.70	106	166239	19.368	ug/l	98
70) Styrene	10.71	104	284499	19.207	ug/l	99
71) Bromoform	10.85	173	72755	18.214	ug/l #	98
73) Isopropylbenzene	11.01	105	440495	20.478	ug/l	100
74) N-amyl acetate	10.89	43	186733	19.677	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	131486	19.061	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	122709m	19.361	ug/l	
77) Bromobenzene	11.25	156	115645	19.386	ug/l	99
78) n-propylbenzene	11.35	91	488123	19.814	ug/l	100
79) 2-Chlorotoluene	11.42	91	298348	20.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	366961	20.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42629	17.783	ug/l	94
82) 4-Chlorotoluene	11.51	91	333677	19.362	ug/l	98
83) tert-Butylbenzene	11.76	119	310999	18.431	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	360369	19.970	ug/l	100
85) sec-Butylbenzene	11.94	105	420807	20.060	ug/l	99
86) p-Isopropyltoluene	12.06	119	386833	19.873	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	202413	18.907	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	200516	19.580	ug/l	98
89) n-Butylbenzene	12.39	91	315780	17.743	ug/l	99
90) Hexachloroethane	12.59	117	63568	18.591	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	202990	19.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29809	19.211	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	131683	17.816	ug/l	98
94) Hexachlorobutadiene	13.78	225	63140	18.352	ug/l	98
95) Naphthalene	13.83	128	408305	17.870	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135630	18.604	ug/l	100

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

