

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031820\
 Data File : VX015331.D
 Acq On : 18 Mar 2020 18:11
 Operator : JC/SP
 Sample : VX0318WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:01:05 PM

Quant Time: Mar 19 03:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	573414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1083381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	971969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	465082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	324967	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
35) Dibromofluoromethane	5.49	113	323899	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
50) Toluene-d8	8.71	98	1278934	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	458701	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115422	18.302	ug/l	100
3) Chloromethane	1.32	50	138635	20.090	ug/l	98
4) Vinyl Chloride	1.40	62	136554	19.521	ug/l	100
5) Bromomethane	1.64	94	101314	45.982	ug/l	98
6) Chloroethane	1.72	64	83917	19.413	ug/l	95
7) Trichlorofluoromethane	1.93	101	177183	18.907	ug/l	98
8) Diethyl Ether	2.18	74	73824	19.012	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131475	20.726	ug/l	91
10) Methyl Iodide	2.50	142	115218	18.149	ug/l	96
11) Tert butyl alcohol	3.03	59	138664	100.822	ug/l	97
12) 1,1-Dichloroethene	2.37	96	137943	19.044	ug/l	97
13) Acrolein	2.28	56	123153	99.325	ug/l	98
14) Allyl chloride	2.72	41	209765	19.477	ug/l	97
15) Acrylonitrile	3.13	53	353907	97.768	ug/l	99
16) Acetone	2.43	43	259347	96.214	ug/l	96
17) Carbon Disulfide	2.56	76	366598	18.876	ug/l	98
18) Methyl Acetate	2.76	43	142594	19.056	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	404362	19.252	ug/l	100
20) Methylene Chloride	2.85	84	153267	19.510	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	148601	18.639	ug/l	98
22) Diisopropyl ether	3.84	45	430474	19.799	ug/l	97
23) Vinyl Acetate	3.81	43	1720043	99.191	ug/l	99
24) 1,1-Dichloroethane	3.69	63	241997	18.233	ug/l	99
25) 2-Butanone	4.66	43	449447	99.407	ug/l	98
26) 2,2-Dichloropropane	4.58	77	182525	17.696	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	166293	19.232	ug/l	98
28) Bromochloromethane	5.01	49	105721	19.509	ug/l	98
29) Tetrahydrofuran	5.11	42	291855	98.997	ug/l	99
30) Chloroform	5.20	83	246809	18.433	ug/l	96
31) Cyclohexane	5.57	56	212306	19.592	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	200663	18.164	ug/l	98
36) 1,1-Dichloropropene	5.79	75	177073	17.229	ug/l	100
37) Ethyl Acetate	4.82	43	173615	18.611	ug/l	99
38) Carbon Tetrachloride	5.78	117	165803	16.981	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223723	18.027	ug/l	97
40) Benzene	6.14	78	549952	17.613	ug/l	97
41) Methacrylonitrile	5.03	41	98469	19.720	ug/l	96
42) 1,2-Dichloroethane	6.19	62	169791	18.036	ug/l	99
43) Isopropyl Acetate	6.44	43	266671	18.840	ug/l	100
44) Trichloroethene	7.21	130	159434	18.605	ug/l	91
45) 1,2-Dichloropropane	7.51	63	143416	19.456	ug/l	99
46) Dibromomethane	7.65	93	97891	18.980	ug/l	100
47) Bromodichloromethane	7.89	83	183243	18.919	ug/l	97
48) Methyl methacrylate	7.76	41	133762	19.747	ug/l	99
49) 1,4-Dioxane	7.73	88	72698	390.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	876577	100.331	ug/l	99
52) Toluene	8.78	92	369964	19.293	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	200180	19.316	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	222696	18.923	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	146122	17.972	ug/l	97
56) Ethyl methacrylate	9.17	69	204086	19.271	ug/l	99
57) 1,3-Dichloropropane	9.37	76	240730	18.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	528612	119.889	ug/l	99
59) 2-Hexanone	9.48	43	641899	98.849	ug/l	97
60) Dibromochloromethane	9.57	129	146011	18.444	ug/l	98
61) 1,2-Dibromoethane	9.67	107	154418	18.646	ug/l	99
64) Tetrachloroethene	9.33	164	136921	19.367	ug/l	91
65) Chlorobenzene	10.14	112	393371	19.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	135606	18.328	ug/l	99
67) Ethyl Benzene	10.25	91	683823	19.601	ug/l	98
68) m/p-Xylenes	10.36	106	538972	40.521	ug/l	100
69) o-Xylene	10.70	106	257451	20.127	ug/l	99
70) Styrene	10.71	104	440180	20.644	ug/l	99
71) Bromoform	10.85	173	91898	19.002	ug/l	94
73) Isopropylbenzene	11.01	105	678156	19.367	ug/l	99
74) N-amyl acetate	10.89	43	233701	19.525	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	210096	19.378	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	171745m	18.071	ug/l	
77) Bromobenzene	11.25	156	162243	19.946	ug/l	98
78) n-propylbenzene	11.35	91	773225	19.802	ug/l	99
79) 2-Chlorotoluene	11.42	91	462861	19.746	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	559072	20.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64529	18.202	ug/l	97
82) 4-Chlorotoluene	11.51	91	532990	20.011	ug/l	99
83) tert-Butylbenzene	11.76	119	536311	19.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	573133	19.832	ug/l	99
85) sec-Butylbenzene	11.94	105	656333	19.700	ug/l	98
86) p-Isopropyltoluene	12.06	119	592606	19.992	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	303834	19.648	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	304455	18.903	ug/l	99
89) n-Butylbenzene	12.39	91	493613	17.635	ug/l	99
90) Hexachloroethane	12.59	117	93836	16.408	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	266571	17.186	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39126	18.346	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	179067	19.271	ug/l	100
94) Hexachlorobutadiene	13.78	225	71926	18.410	ug/l	95
95) Naphthalene	13.83	128	640354	20.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176511	19.406	ug/l	98

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

