

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014553.D
 Acq On : 10 Jan 2020 22:33
 Operator : JC/SP
 Sample : VX0110WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:17 AM

Quant Time: Jan 11 00:39:00 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	443540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	690740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299180	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	255399	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.49	113	204733	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.71	98	778716	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	268759	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	104052	19.053	ug/l	99
3) Chloromethane	1.32	50	118744	21.003	ug/l	96
4) Vinyl Chloride	1.40	62	133389	21.173	ug/l	99
5) Bromomethane	1.64	94	78886	18.890	ug/l	99
6) Chloroethane	1.72	64	76295	21.489	ug/l	99
7) Trichlorofluoromethane	1.92	101	134478	18.817	ug/l	100
8) Diethyl Ether	2.18	74	65739	20.163	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79067	18.185	ug/l	99
10) Methyl Iodide	2.50	142	107572	20.662	ug/l	99
11) Tert butyl alcohol	3.02	59	117623	113.772	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83990	19.173	ug/l	99
13) Acrolein	2.28	56	66800	80.613	ug/l	99
14) Allyl chloride	2.72	41	150648	19.588	ug/l	98
15) Acrylonitrile	3.13	53	270470	108.395	ug/l	99
16) Acetone	2.43	43	305269	120.802	ug/l	99
17) Carbon Disulfide	2.56	76	218322	17.861	ug/l	97
18) Methyl Acetate	2.76	43	166275	23.365	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	304603	21.661	ug/l	100
20) Methylene Chloride	2.85	84	103256	20.730	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	89694	18.755	ug/l	98
22) Diisopropyl ether	3.84	45	317816	21.383	ug/l	93
23) Vinyl Acetate	3.81	43	679383	59.040	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169586	20.974	ug/l	99
25) 2-Butanone	4.65	43	414909	112.180	ug/l	99
26) 2,2-Dichloropropane	4.58	77	113352	16.549	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	107975	20.197	ug/l	98
28) Bromochloromethane	5.01	49	69200	20.311	ug/l	97
29) Tetrahydrofuran	5.11	42	248081	113.448	ug/l	98
30) Chloroform	5.20	83	166351	21.055	ug/l	98
31) Cyclohexane	5.57	56	137171	18.125	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	134095	19.828	ug/l	99
36) 1,1-Dichloropropene	5.79	75	116226	17.893	ug/l	100
37) Ethyl Acetate	4.82	43	142461	20.191	ug/l	99
38) Carbon Tetrachloride	5.78	117	110554	18.495	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138874	17.017	ug/l	97
40) Benzene	6.14	78	384832	19.961	ug/l	100
41) Methacrylonitrile	5.03	41	80768	21.466	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135452	20.094	ug/l	100
43) Isopropyl Acetate	6.43	43	239501	21.012	ug/l	99
44) Trichloroethene	7.21	130	111987	20.213	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99419	20.227	ug/l	98
46) Dibromomethane	7.65	93	67281	19.612	ug/l	99
47) Bromodichloromethane	7.89	83	124943	20.015	ug/l	98
48) Methyl methacrylate	7.76	41	113902	20.865	ug/l	99
49) 1,4-Dioxane	7.73	88	50627	437.677	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	753892	108.541	ug/l	99
52) Toluene	8.78	92	235774	19.104	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	136704	18.810	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	148827	18.957	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99566	20.085	ug/l	99
56) Ethyl methacrylate	9.17	69	155731	20.506	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170639	20.588	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	274343	106.173	ug/l	99
59) 2-Hexanone	9.48	43	584757	106.402	ug/l	100
60) Dibromochloromethane	9.57	129	99461	19.962	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105445	20.081	ug/l	99
64) Tetrachloroethene	9.33	164	144928	23.673	ug/l	98
65) Chlorobenzene	10.14	112	252336	19.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95484	20.184	ug/l	100
67) Ethyl Benzene	10.25	91	424689	18.796	ug/l	99
68) m/p-Xylenes	10.35	106	328041	37.633	ug/l	100
69) o-Xylene	10.70	106	161820	19.457	ug/l	99
70) Styrene	10.71	104	270869	18.872	ug/l	100
71) Bromoform	10.85	173	75531	19.514	ug/l #	99
73) Isopropylbenzene	11.01	105	408247	19.432	ug/l	100
74) N-amyl acetate	10.89	43	191651	20.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128005	18.999	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124534m	20.118	ug/l	
77) Bromobenzene	11.25	156	113095	19.411	ug/l	100
78) n-propylbenzene	11.35	91	455393	18.927	ug/l	100
79) 2-Chlorotoluene	11.42	91	276484	19.281	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346815	19.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44015	18.799	ug/l	92
82) 4-Chlorotoluene	11.51	91	318366	18.914	ug/l	99
83) tert-Butylbenzene	11.76	119	287080	17.419	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	348822	19.791	ug/l	100
85) sec-Butylbenzene	11.94	105	384874	18.785	ug/l	100
86) p-Isopropyltoluene	12.06	119	349927	18.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193318	18.489	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193396	19.328	ug/l	99
89) n-Butylbenzene	12.39	91	292210	16.810	ug/l	99
90) Hexachloroethane	12.59	117	60040	17.979	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	195416	19.076	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32166	21.225	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124705	17.271	ug/l	98
94) Hexachlorobutadiene	13.77	225	59182	17.615	ug/l	99
95) Naphthalene	13.83	128	413903	18.547	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132948	18.672	ug/l	100

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

