

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014682.D
 Acq On : 22 Jan 2020 11:04
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 1:39:02 PM

Quant Time: Jan 22 12:02:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	606913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	298264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	99198	19.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.18%	
35) Dibromofluoromethane	5.48	113	81267	19.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.92%	
50) Toluene-d8	8.71	98	315967	20.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.00%	
62) 4-Bromofluorobenzene	11.13	95	108091	18.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	121309	23.981	ug/l	99
3) Chloromethane	1.32	50	125487	21.710	ug/l	100
4) Vinyl Chloride	1.40	62	139602	21.744	ug/l	99
5) Bromomethane	1.64	94	78565	18.206	ug/l	98
6) Chloroethane	1.72	64	78383	20.523	ug/l	99
7) Trichlorofluoromethane	1.92	101	151747	20.856	ug/l	99
8) Diethyl Ether	2.18	74	65597	19.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90057	20.378	ug/l	98
10) Methyl Iodide	2.50	142	114465	21.295	ug/l	99
11) Tert butyl alcohol	3.03	59	118753	114.677	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86694	19.529	ug/l	96
13) Acrolein	2.28	56	91717	108.132	ug/l	98
14) Allyl chloride	2.72	41	158259	20.149	ug/l	99
15) Acrylonitrile	3.13	53	275828	108.160	ug/l	99
16) Acetone	2.43	43	295691	107.432	ug/l	100
17) Carbon Disulfide	2.56	76	235705	18.973	ug/l	100
18) Methyl Acetate	2.76	43	165664	22.720	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	285063	19.962	ug/l	98
20) Methylene Chloride	2.85	84	99477	19.610	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	93195	19.178	ug/l	97
22) Diisopropyl ether	3.84	45	319307	20.948	ug/l	99
23) Vinyl Acetate	3.80	43	1219940	104.042	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174248	21.105	ug/l	99
25) 2-Butanone	4.65	43	414600	109.576	ug/l	98
26) 2,2-Dichloropropane	4.58	77	134414	19.379	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	105882	19.496	ug/l	99
28) Bromochloromethane	5.01	49	68798	19.722	ug/l	98
29) Tetrahydrofuran	5.11	42	247829	110.953	ug/l	98
30) Chloroform	5.20	83	167035	20.684	ug/l	98
31) Cyclohexane	5.57	56	161136	20.858	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	138820	20.200	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126639	20.043	ug/l	100
37) Ethyl Acetate	4.82	43	147507	21.490	ug/l	97
38) Carbon Tetrachloride	5.78	117	119335	20.577	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157580	19.930	ug/l	96
40) Benzene	6.14	78	391513	20.834	ug/l	100
41) Methacrylonitrile	5.03	41	82754	22.446	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135358	20.581	ug/l	99
43) Isopropyl Acetate	6.43	43	233444	21.043	ug/l	100
44) Trichloroethene	7.21	130	105402	19.613	ug/l	95
45) 1,2-Dichloropropane	7.51	63	102084	21.293	ug/l	99
46) Dibromomethane	7.65	93	63786	19.125	ug/l	98
47) Bromodichloromethane	7.89	83	124173	20.403	ug/l	99
48) Methyl methacrylate	7.76	41	113418	21.268	ug/l	98
49) 1,4-Dioxane	7.73	88	49706	447.037	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	768837	113.345	ug/l	99
52) Toluene	8.78	92	242026	20.205	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	133989	19.053	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	150325	19.751	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	97770	20.261	ug/l	98
56) Ethyl methacrylate	9.17	69	147622	20.064	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169072	20.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	242856	96.883	ug/l	100
59) 2-Hexanone	9.48	43	599490	111.840	ug/l	99
60) Dibromochloromethane	9.57	129	98803	20.404	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103327	20.244	ug/l	98
64) Tetrachloroethene	9.33	164	118631	19.377	ug/l	97
65) Chlorobenzene	10.14	112	258003	19.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95096	20.129	ug/l	98
67) Ethyl Benzene	10.25	91	450379	19.924	ug/l	99
68) m/p-Xylenes	10.35	106	347401	39.856	ug/l	99
69) o-Xylene	10.70	106	163819	19.714	ug/l	100
70) Styrene	10.71	104	278789	19.435	ug/l	99
71) Bromoform	10.85	173	73877	19.221	ug/l	100
73) Isopropylbenzene	11.01	105	437704	20.731	ug/l	100
74) N-amyl acetate	10.89	43	189878	20.432	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	147441	21.646	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143042m	22.318	ug/l	
77) Bromobenzene	11.25	156	115119	19.734	ug/l	99
78) n-propylbenzene	11.35	91	497895	20.566	ug/l	100
79) 2-Chlorotoluene	11.42	91	298011	20.645	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	365932	20.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46495	19.831	ug/l	94
82) 4-Chlorotoluene	11.51	91	335642	19.827	ug/l	99
83) tert-Butylbenzene	11.76	119	342617	20.750	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	368865	20.806	ug/l	98
85) sec-Butylbenzene	11.94	105	416689	20.248	ug/l	100
86) p-Isopropyltoluene	12.06	119	386753	20.290	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	196128	18.734	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	202964	18.964	ug/l	99
89) n-Butylbenzene	12.38	91	321446	18.520	ug/l	100
90) Hexachloroethane	12.59	117	66496	19.895	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	203960	19.842	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32569	21.498	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	126791	16.364	ug/l	99
94) Hexachlorobutadiene	13.77	225	65867	18.065	ug/l	98
95) Naphthalene	13.83	128	390885	17.698	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130904	17.215	ug/l	97

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

