

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015367.D
 Acq On : 26 Mar 2020 20:16
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
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apatel
 3/27/2020 5:16:10 PM

Quant Time: Mar 27 09:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1144230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1792684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1607174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	835567	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	316830	21.25	ug/l	0.00
Spiked Amount			Recovery	=	42.50%	
35) Dibromofluoromethane	5.47	113	233996	20.01	ug/l	0.00
Spiked Amount			Recovery	=	40.02%	
50) Toluene-d8	8.70	98	872527	20.51	ug/l	0.00
Spiked Amount			Recovery	=	41.02%	
62) 4-Bromofluorobenzene	11.12	95	348323	21.21	ug/l	0.00
Spiked Amount			Recovery	=	42.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	213896	17.867	ug/l	98
3) Chloromethane	1.31	50	241051	17.294	ug/l	99
4) Vinyl Chloride	1.39	62	229450	16.940	ug/l	99
5) Bromomethane	1.63	94	147536	28.194	ug/l	97
6) Chloroethane	1.71	64	138062	16.304	ug/l	99
7) Trichlorofluoromethane	1.92	101	314079	17.479	ug/l	100
8) Diethyl Ether	2.17	74	119183	15.407	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208753	15.478	ug/l	98
10) Methyl Iodide	2.49	142	245827	16.291	ug/l	99
11) Tert butyl alcohol	3.01	59	352414	114.930	ug/l	98
12) 1,1-Dichloroethene	2.36	96	210332	14.862	ug/l	95
13) Acrolein	2.27	56	184718	68.370	ug/l	97
14) Allyl chloride	2.71	41	480941	21.223	ug/l	99
15) Acrylonitrile	3.12	53	699518	93.741	ug/l	99
16) Acetone	2.42	43	651296	102.375	ug/l	99
17) Carbon Disulfide	2.55	76	637746	16.666	ug/l	100
18) Methyl Acetate	2.75	43	331335	20.689	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	797760	18.568	ug/l	99
20) Methylene Chloride	2.84	84	242124	14.444	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	228160	14.814	ug/l	98
22) Diisopropyl ether	3.83	45	869323	19.485	ug/l	96
23) Vinyl Acetate	3.79	43	3992730	109.184	ug/l	99
24) 1,1-Dichloroethane	3.67	63	447492	16.895	ug/l	99
25) 2-Butanone	4.64	43	1052402	108.413	ug/l	97
26) 2,2-Dichloropropane	4.55	77	369614	17.911	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	258247	15.175	ug/l	97
28) Bromochloromethane	4.98	49	214103	19.087	ug/l	97
29) Tetrahydrofuran	5.09	42	682162	108.342	ug/l	99
30) Chloroform	5.18	83	430396	16.123	ug/l	96
31) Cyclohexane	5.55	56	417026	20.276	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	398606	18.249	ug/l	99
36) 1,1-Dichloropropene	5.78	75	327039	19.631	ug/l	100
37) Ethyl Acetate	4.80	43	408803	24.480	ug/l	99
38) Carbon Tetrachloride	5.76	117	357015	22.284	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	397673	20.555	ug/l	98
40) Benzene	6.12	78	945937	18.518	ug/l	100
41) Methacrylonitrile	5.00	41	234293	25.866	ug/l	98
42) 1,2-Dichloroethane	6.17	62	378505	23.059	ug/l	99
43) Isopropyl Acetate	6.42	43	710074	27.448	ug/l	100
44) Trichloroethene	7.20	130	256876	18.353	ug/l	93
45) 1,2-Dichloropropane	7.50	63	254129	20.600	ug/l	97
46) Dibromomethane	7.64	93	164732	19.094	ug/l	99
47) Bromodichloromethane	7.88	83	359833	21.835	ug/l	99
48) Methyl methacrylate	7.75	41	350679	28.222	ug/l	98
49) 1,4-Dioxane	7.72	88	132272	418.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2076889	132.723	ug/l	99
52) Toluene	8.77	92	590690	18.867	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	416525	23.268	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	429646	21.610	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239179	17.848	ug/l	98
56) Ethyl methacrylate	9.16	69	408816	22.437	ug/l	98
57) 1,3-Dichloropropane	9.35	76	414414	18.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	956188	93.910	ug/l	100
59) 2-Hexanone	9.48	43	1559956	133.563	ug/l	100
60) Dibromochloromethane	9.57	129	284880	21.157	ug/l	97
61) 1,2-Dibromoethane	9.65	107	253173	18.462	ug/l	99
64) Tetrachloroethene	9.32	164	249812	21.605	ug/l	98
65) Chlorobenzene	10.12	112	642184	19.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	247818	20.003	ug/l	98
67) Ethyl Benzene	10.24	91	1150573	20.209	ug/l	100
68) m/p-Xylenes	10.34	106	859764	39.874	ug/l	99
69) o-Xylene	10.68	106	415919	19.844	ug/l	97
70) Styrene	10.70	104	723529	20.657	ug/l	100
71) Bromoform	10.84	173	228952	26.727	ug/l #	99
73) Isopropylbenzene	11.01	105	1122567	18.433	ug/l	100
74) N-amyl acetate	10.88	43	595550	25.785	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	366994	18.843	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	346008m	19.675	ug/l	
77) Bromobenzene	11.24	156	288751	19.775	ug/l	100
78) n-propylbenzene	11.35	91	1279024	18.697	ug/l	99
79) 2-Chlorotoluene	11.41	91	765580	18.383	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	956819	19.449	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	139620	21.211	ug/l	100
82) 4-Chlorotoluene	11.49	91	906140	19.164	ug/l	99
83) tert-Butylbenzene	11.76	119	937743	19.416	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	959034	18.860	ug/l	99
85) sec-Butylbenzene	11.93	105	1095758	19.153	ug/l	99
86) p-Isopropyltoluene	12.05	119	1016817	19.790	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	516677	18.877	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	515477	17.970	ug/l	97
89) n-Butylbenzene	12.37	91	903331	18.689	ug/l	99
90) Hexachloroethane	12.58	117	188251	18.655	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	504686	18.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96707	22.138	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	385114	22.463	ug/l	98
94) Hexachlorobutadiene	13.77	225	188521	26.177	ug/l	97
95) Naphthalene	13.82	128	1207788	21.676	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	376608	22.362	ug/l	99

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

