

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015931.D
 Acq On : 24 Apr 2020 15:03
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042420

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:39:59 PM

Quant Time: Apr 25 06:47:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	152252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	248831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	122583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	106802	49.68	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	5.46	113	80242	54.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	8.70	98	328792	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.12	95	133946	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	86341	51.579	ug/l 98
3) Chloromethane	1.31	50	83504	48.403	ug/l 99
4) Vinyl Chloride	1.39	62	109389	49.547	ug/l 99
5) Bromomethane	1.62	94	27830	34.961	ug/l 100
6) Chloroethane	1.69	64	47632	35.841	ug/l 99
7) Trichlorofluoromethane	1.90	101	128028	49.505	ug/l 100
8) Diethyl Ether	2.17	74	57808	46.968	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	85078	51.713	ug/l 100
10) Methyl Iodide	2.48	142	87163	46.408	ug/l 99
11) Tert butyl alcohol	3.04	59	102854	222.686	ug/l 100
12) 1,1-Dichloroethene	2.35	96	84877	49.239	ug/l 98
13) Acrolein	2.27	56	72810	254.003	ug/l 99
14) Allyl chloride	2.70	41	148218	48.650	ug/l 99
15) Acrylonitrile	3.12	53	243734	241.436	ug/l 99
16) Acetone	2.42	43	162619	201.666	ug/l 100
17) Carbon Disulfide	2.54	76	234679	49.395	ug/l 100
18) Methyl Acetate	2.75	43	117254	48.080	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	304765	49.364	ug/l 99
20) Methylene Chloride	2.83	84	95250	47.753	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	93742	48.673	ug/l 99
22) Diisopropyl ether	3.82	45	294299	48.916	ug/l 89
23) Vinyl Acetate	3.78	43	1228710	249.967	ug/l 100
24) 1,1-Dichloroethane	3.67	63	169936	49.374	ug/l 100
25) 2-Butanone	4.64	43	292505	222.780	ug/l 100
26) 2,2-Dichloropropane	4.55	77	155140	51.083	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	106225	48.620	ug/l 99
28) Bromochloromethane	4.98	49	76107	50.023	ug/l 99
29) Tetrahydrofuran	5.09	42	201182	232.604	ug/l 99
30) Chloroform	5.17	83	168818	49.619	ug/l 99
31) Cyclohexane	5.54	56	156458	48.531	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	148737	48.594	ug/l 100
36) 1,1-Dichloropropene	5.76	75	131473	50.860	ug/l 99
37) Ethyl Acetate	4.79	43	126138	48.645	ug/l 99
38) Carbon Tetrachloride	5.75	117	122672	51.930	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	166337	53.082	ug/l	97
40) Benzene	6.11	78	389817	51.527	ug/l	97
41) Methacrylonitrile	5.00	41	69953	47.592	ug/l	99
42) 1,2-Dichloroethane	6.16	62	136497	51.557	ug/l	99
43) Isopropyl Acetate	6.41	43	218112	51.199	ug/l	100
44) Trichloroethene	7.18	130	121090	51.997	ug/l	97
45) 1,2-Dichloropropane	7.49	63	99399	51.346	ug/l	99
46) Dibromomethane	7.63	93	65581	50.728	ug/l	98
47) Bromodichloromethane	7.87	83	135431	51.478	ug/l	99
48) Methyl methacrylate	7.74	41	104486	49.879	ug/l	99
49) 1,4-Dioxane	7.72	88	44441	953.864	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	639345	255.999	ug/l	100
52) Toluene	8.76	92	247547	51.581	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	164110	51.732	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	173349	52.235	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	97105	50.662	ug/l	99
56) Ethyl methacrylate	9.16	69	160181	51.876	ug/l	99
57) 1,3-Dichloropropane	9.35	76	167506	51.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	411115	269.445	ug/l	100
59) 2-Hexanone	9.48	43	472291	249.050	ug/l	100
60) Dibromochloromethane	9.57	129	100523	52.812	ug/l	100
61) 1,2-Dibromoethane	9.65	107	102256	51.579	ug/l	99
64) Tetrachloroethene	9.32	164	136221	55.016	ug/l	98
65) Chlorobenzene	10.12	112	258166	52.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	92833	53.029	ug/l	98
67) Ethyl Benzene	10.24	91	476205	52.283	ug/l	100
68) m/p-Xylenes	10.34	106	355590	106.601	ug/l	99
69) o-Xylene	10.68	106	171474	52.679	ug/l	99
70) Styrene	10.70	104	306549	54.603	ug/l	100
71) Bromoform	10.84	173	66469	49.857	ug/l #	98
73) Isopropylbenzene	11.01	105	463868	50.910	ug/l	100
74) N-amyl acetate	10.88	43	205603	51.956	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	98736	47.952	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	135352m	51.475	ug/l	
77) Bromobenzene	11.24	156	104441	50.465	ug/l	99
78) n-propylbenzene	11.35	91	547270	50.873	ug/l	100
79) 2-Chlorotoluene	11.41	91	329295	51.930	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	402408	51.954	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	59344	50.838	ug/l #	53
82) 4-Chlorotoluene	11.49	91	390294	51.566	ug/l	98
83) tert-Butylbenzene	11.76	119	335855	51.569	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	412423	51.929	ug/l	99
85) sec-Butylbenzene	11.93	105	459910	51.576	ug/l	99
86) p-Isopropyltoluene	12.05	119	424350	52.187	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	201921	53.063	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	199240	50.847	ug/l	99
89) n-Butylbenzene	12.37	91	404996	52.849	ug/l	99
90) Hexachloroethane	12.58	117	68581	54.053	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	191744	51.966	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31951	48.740	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	126633	53.197	ug/l	97
94) Hexachlorobutadiene	13.77	225	45805	54.283	ug/l	97
95) Naphthalene	13.82	128	448023	51.751	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	116922	51.915	ug/l	99

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

