

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017009.D
 Acq On : 29 Jun 2020 15:21
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:13:30 AM

Quant Time: Jun 29 17:05:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	287611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	454479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	166587	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
35) Dibromofluoromethane	5.46	113	138905	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.70	98	505600	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.12	95	198816	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	139319	50.070	ug/l	100
3) Chloromethane	1.31	50	163754	48.620	ug/l	100
4) Vinyl Chloride	1.39	62	153336	49.069	ug/l	100
5) Bromomethane	1.62	94	82131	49.747	ug/l	100
6) Chloroethane	1.71	64	89279	48.375	ug/l	100
7) Trichlorofluoromethane	1.92	101	225426	48.777	ug/l	100
8) Diethyl Ether	2.17	74	79427	47.077	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139273	50.280	ug/l	100
10) Methyl Iodide	2.49	142	191141	53.478	ug/l	100
11) Tert butyl alcohol	3.01	59	171768	253.941	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140851	49.499	ug/l	100
13) Acrolein	2.27	56	100387	248.271	ug/l	100
14) Allyl chloride	2.71	41	257782	49.020	ug/l	100
15) Acrylonitrile	3.12	53	409947	252.111	ug/l	100
16) Acetone	2.42	43	328347	247.547	ug/l	100
17) Carbon Disulfide	2.55	76	415382	47.660	ug/l	100
18) Methyl Acetate	2.75	43	172673	49.868	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	484062	50.687	ug/l	100
20) Methylene Chloride	2.84	84	162770	48.012	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	156675	49.615	ug/l	100
22) Diisopropyl ether	3.82	45	500252	51.397	ug/l	100
23) Vinyl Acetate	3.79	43	2209678	264.200	ug/l	100
24) 1,1-Dichloroethane	3.67	63	277752	50.154	ug/l	100
25) 2-Butanone	4.64	43	567354	256.706	ug/l	100
26) 2,2-Dichloropropane	4.55	77	243781	49.577	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	178098	49.776	ug/l	100
28) Bromochloromethane	4.98	49	132541	49.182	ug/l	100
29) Tetrahydrofuran	5.09	42	380770	260.752	ug/l	100
30) Chloroform	5.18	83	284364	50.090	ug/l	100
31) Cyclohexane	5.55	56	245926	51.374	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	261063	49.932	ug/l	100
36) 1,1-Dichloropropene	5.77	75	213862	49.789	ug/l	100
37) Ethyl Acetate	4.79	43	227765	52.262	ug/l	100
38) Carbon Tetrachloride	5.75	117	236997	50.094	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	245583	51.386	ug/l	100
40) Benzene	6.12	78	630189	49.934	ug/l	100
41) Methacrylonitrile	5.00	41	123771	50.460	ug/l	100
42) 1,2-Dichloroethane	6.17	62	227612	49.930	ug/l	100
43) Isopropyl Acetate	6.41	43	366531	50.612	ug/l	100
44) Trichloroethene	7.19	130	182894	48.114	ug/l	100
45) 1,2-Dichloropropane	7.49	63	160912	49.641	ug/l	100
46) Dibromomethane	7.64	93	110883	50.105	ug/l	100
47) Bromodichloromethane	7.88	83	231779	50.821	ug/l	100
48) Methyl methacrylate	7.74	41	183457	53.321	ug/l	100
49) 1,4-Dioxane	7.71	88	80039	1026.850	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1129428	261.629	ug/l	100
52) Toluene	8.76	92	399432	50.692	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	256694	51.013	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	275072	50.994	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	160677	49.910	ug/l	100
56) Ethyl methacrylate	9.16	69	245077	53.484	ug/l	100
57) 1,3-Dichloropropane	9.35	76	271991	49.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626354	274.654	ug/l	100
59) 2-Hexanone	9.47	43	840076	266.455	ug/l	100
60) Dibromochloromethane	9.57	129	189195	50.598	ug/l	100
61) 1,2-Dibromoethane	9.65	107	174453	50.413	ug/l	100
64) Tetrachloroethene	9.32	164	171871	49.480	ug/l	100
65) Chlorobenzene	10.12	112	439303	49.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	170074	49.680	ug/l	100
67) Ethyl Benzene	10.23	91	768615	51.812	ug/l	100
68) m/p-Xylenes	10.34	106	595461	104.539	ug/l	100
69) o-Xylene	10.68	106	280660	51.795	ug/l	100
70) Styrene	10.70	104	494438	53.584	ug/l	100
71) Bromoform	10.84	173	144559	53.250	ug/l #	100
73) Isopropylbenzene	11.00	105	760266	52.846	ug/l	100
74) N-amyl acetate	10.88	43	336317	54.787	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	228087	50.402	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	227127m	41.990	ug/l	
77) Bromobenzene	11.24	156	199879	50.552	ug/l	100
78) n-propylbenzene	11.34	91	860988	52.923	ug/l	100
79) 2-Chlorotoluene	11.40	91	516807	52.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	638907	53.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	89140	53.447	ug/l	100
82) 4-Chlorotoluene	11.49	91	611624	51.963	ug/l	100
83) tert-Butylbenzene	11.76	119	625356	53.384	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	655137	54.116	ug/l	100
85) sec-Butylbenzene	11.93	105	735368	53.405	ug/l	100
86) p-Isopropyltoluene	12.05	119	699654	54.581	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	350441	48.800	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	358097	49.584	ug/l	100
89) n-Butylbenzene	12.37	91	599658	52.391	ug/l	100
90) Hexachloroethane	12.58	117	130970	51.811	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	337602	50.295	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53032	49.124	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	231230	50.469	ug/l	100
94) Hexachlorobutadiene	13.77	225	88880	47.964	ug/l	100
95) Naphthalene	13.82	128	759862	54.553	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	227446	51.297	ug/l	100

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

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