

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012431.D
 Acq On : 17 Sep 2019 13:09
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:22:13 AM

Quant Time: Sep 17 13:49:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111763	34.68	ug/l	0.00
Spiked Amount			Recovery	=	69.36%	
35) Dibromofluoromethane	5.49	113	80730	31.86	ug/l	0.00
Spiked Amount			Recovery	=	63.72%	
50) Toluene-d8	8.71	98	297445	33.12	ug/l	0.00
Spiked Amount			Recovery	=	66.24%	
62) 4-Bromofluorobenzene	11.14	95	122719	32.24	ug/l	0.00
Spiked Amount			Recovery	=	64.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	58638	41.469	ug/l	100
3) Chloromethane	1.32	50	49051	40.016	ug/l	100
4) Vinyl Chloride	1.40	62	53465	39.559	ug/l	100
5) Bromomethane	1.62	94	18757	33.197	ug/l	100
6) Chloroethane	1.71	64	37060	41.263	ug/l	100
7) Trichlorofluoromethane	1.92	101	99595	40.338	ug/l	100
8) Diethyl Ether	2.18	74	43251	39.683	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69019	38.783	ug/l	100
10) Methyl Iodide	2.50	142	56259	34.411	ug/l	100
11) Tert butyl alcohol	3.04	59	158966	191.967	ug/l	100
12) 1,1-Dichloroethene	2.36	96	56423	40.340	ug/l	100
13) Acrolein	2.28	56	50309	146.026	ug/l	100
14) Allyl chloride	2.72	41	132490	40.781	ug/l	100
15) Acrylonitrile	3.13	53	275515	199.278	ug/l	100
16) Acetone	2.44	43	296566	196.664	ug/l	100
17) Carbon Disulfide	2.56	76	75987	41.133	ug/l	100
18) Methyl Acetate	2.76	43	131242	39.592	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	299914	39.481	ug/l	100
20) Methylene Chloride	2.84	84	74021	36.537	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	58509	38.907	ug/l	100
22) Diisopropyl ether	3.84	45	299990	40.235	ug/l	100
23) Vinyl Acetate	3.80	43	1293749	210.346	ug/l	100
24) 1,1-Dichloroethane	3.69	63	146665	39.267	ug/l	100
25) 2-Butanone	4.66	43	430442	202.218	ug/l	100
26) 2,2-Dichloropropane	4.57	77	141299	39.643	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	85364	38.614	ug/l	100
28) Bromochloromethane	5.00	49	69038	36.220	ug/l	100
29) Tetrahydrofuran	5.11	42	250400	203.388	ug/l	100
30) Chloroform	5.20	83	160769	37.347	ug/l	100
31) Cyclohexane	5.57	56	89921	40.151	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	139867	39.230	ug/l	100
36) 1,1-Dichloropropene	5.79	75	91699	36.770	ug/l	100
37) Ethyl Acetate	4.82	43	148378	38.652	ug/l	100
38) Carbon Tetrachloride	5.78	117	114214	37.826	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94033	39.445	ug/l	100
40) Benzene	6.13	78	290307	38.009	ug/l	100
41) Methacrylonitrile	5.03	41	88296	40.374	ug/l	100
42) 1,2-Dichloroethane	6.18	62	131789	37.783	ug/l	100
43) Isopropyl Acetate	6.43	43	254492	38.542	ug/l	100
44) Trichloroethene	7.20	130	77650	37.868	ug/l	100
45) 1,2-Dichloropropane	7.51	63	87236	37.128	ug/l	100
46) Dibromomethane	7.65	93	57034	36.555	ug/l	100
47) Bromodichloromethane	7.89	83	130510	37.563	ug/l	100
48) Methyl methacrylate	7.76	41	120843	41.221	ug/l	100
49) 1,4-Dioxane	7.73	88	56687	757.886	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	835022	195.485	ug/l	100
52) Toluene	8.78	92	189306	38.132	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138865	38.518	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143877	38.557	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	94215	35.859	ug/l	100
56) Ethyl methacrylate	9.17	69	152884	38.720	ug/l	100
57) 1,3-Dichloropropane	9.37	76	153502	36.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	382766	181.871	ug/l	100
59) 2-Hexanone	9.49	43	655564	198.526	ug/l	100
60) Dibromochloromethane	9.58	129	103431	38.549	ug/l	100
61) 1,2-Dibromoethane	9.67	107	91301	37.898	ug/l	100
64) Tetrachloroethene	9.33	164	62520	38.852	ug/l	100
65) Chlorobenzene	10.14	112	219578	38.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	94488	39.375	ug/l	100
67) Ethyl Benzene	10.25	91	391752	40.433	ug/l	100
68) m/p-Xylenes	10.35	106	285815	80.068	ug/l	100
69) o-Xylene	10.70	106	146965	39.679	ug/l	100
70) Styrene	10.71	104	263107	40.991	ug/l	100
71) Bromoform	10.85	173	73558	39.959	ug/l	100
73) Isopropylbenzene	11.01	105	417072	48.967	ug/l	100
74) N-amyl acetate	10.89	43	228932	50.449	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	161513	47.330	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	155802m	49.170	ug/l	
77) Bromobenzene	11.25	156	100803	46.287	ug/l	100
78) n-propylbenzene	11.35	91	470064	48.870	ug/l	100
79) 2-Chlorotoluene	11.42	91	292486	47.451	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	359293	48.581	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53075	47.319	ug/l	100
82) 4-Chlorotoluene	11.51	91	343100	47.802	ug/l	100
83) tert-Butylbenzene	11.77	119	375613	47.880	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	366270	48.817	ug/l	100
85) sec-Butylbenzene	11.94	105	424106	48.827	ug/l	100
86) p-Isopropyltoluene	12.06	119	392359	49.384	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188493	46.082	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192140	46.524	ug/l	100
89) n-Butylbenzene	12.38	91	348059	49.603	ug/l	100
90) Hexachloroethane	12.59	117	73442	47.899	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	199128	47.500	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44165	48.902	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	133828	47.851	ug/l	100
94) Hexachlorobutadiene	13.78	225	59672	44.626	ug/l	100
95) Naphthalene	13.83	128	487902	51.078	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135937	48.834	ug/l	100

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

