

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012885.D
 Acq On : 08 Oct 2019 12:14
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:58 AM

Quant Time: Oct 09 01:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120390	44.65	ug/l	0.00
Spiked Amount			Recovery	=	89.30%	
35) Dibromofluoromethane	5.49	113	94284	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	362922	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.14	95	141308	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	103287	48.461	ug/l	100
3) Chloromethane	1.32	50	107025	44.469	ug/l	100
4) Vinyl Chloride	1.40	62	110355	45.958	ug/l	100
5) Bromomethane	1.63	94	41967	44.100	ug/l	100
6) Chloroethane	1.71	64	67286	41.900	ug/l	100
7) Trichlorofluoromethane	1.92	101	151029	44.885	ug/l	100
8) Diethyl Ether	2.18	74	60215	43.855	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97014	47.076	ug/l	100
10) Methyl Iodide	2.50	142	103583	52.899	ug/l	100
11) Tert butyl alcohol	3.04	59	153460	227.874	ug/l	100
12) 1,1-Dichloroethene	2.36	96	98642	48.904	ug/l	100
13) Acrolein	2.28	56	113304	305.126	ug/l	100
14) Allyl chloride	2.72	41	178753	45.169	ug/l	100
15) Acrylonitrile	3.14	53	312813	228.319	ug/l	100
16) Acetone	2.44	43	325062	227.566	ug/l	100
17) Carbon Disulfide	2.56	76	268927	47.473	ug/l	100
18) Methyl Acetate	2.76	43	148947	44.127	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	346786	45.800	ug/l	100
20) Methylene Chloride	2.85	84	112591	46.006	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	104489	46.828	ug/l	100
22) Diisopropyl ether	3.85	45	342691	44.789	ug/l	100
23) Vinyl Acetate	3.81	43	1519884	227.268	ug/l	100
24) 1,1-Dichloroethane	3.69	63	190442	45.690	ug/l	100
25) 2-Butanone	4.66	43	454732	222.487	ug/l	100
26) 2,2-Dichloropropane	4.58	77	162531	44.065	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	121498	46.945	ug/l	100
28) Bromochloromethane	5.01	49	58872	39.818	ug/l	100
29) Tetrahydrofuran	5.12	42	284239	227.801	ug/l	100
30) Chloroform	5.20	83	191075	44.699	ug/l	100
31) Cyclohexane	5.57	56	175773	46.467	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	169199	44.897	ug/l	100
36) 1,1-Dichloropropene	5.79	75	147225	47.747	ug/l	100
37) Ethyl Acetate	4.82	43	167250	46.981	ug/l	100
38) Carbon Tetrachloride	5.78	117	146683	47.264	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182874	49.071	ug/l	100
40) Benzene	6.14	78	436449	48.236	ug/l	100
41) Methacrylonitrile	5.03	41	89705	45.090	ug/l	100
42) 1,2-Dichloroethane	6.18	62	157116	46.130	ug/l	100
43) Isopropyl Acetate	6.43	43	269057	45.293	ug/l	100
44) Trichloroethene	7.21	130	115043	49.385	ug/l	100
45) 1,2-Dichloropropane	7.51	63	111435	48.109	ug/l	100
46) Dibromomethane	7.65	93	74733	47.456	ug/l	100
47) Bromodichloromethane	7.89	83	149067	47.598	ug/l	100
48) Methyl methacrylate	7.76	41	131401	46.181	ug/l	100
49) 1,4-Dioxane	7.73	88	65804	1006.317	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	840185	229.102	ug/l	100
52) Toluene	8.78	92	274757	48.338	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	167927	48.416	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	184011	48.521	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	109136	48.304	ug/l	100
56) Ethyl methacrylate	9.17	69	184991	48.869	ug/l	100
57) 1,3-Dichloropropane	9.37	76	188140	47.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	418955	248.156	ug/l	100
59) 2-Hexanone	9.49	43	656818	234.467	ug/l	100
60) Dibromochloromethane	9.58	129	116237	50.774	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115485	49.109	ug/l	100
64) Tetrachloroethene	9.33	164	103003	51.040	ug/l	100
65) Chlorobenzene	10.14	112	291634	48.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	107597	49.292	ug/l	100
67) Ethyl Benzene	10.25	91	536157	49.072	ug/l	100
68) m/p-Xylenes	10.35	106	400788	98.006	ug/l	100
69) o-Xylene	10.70	106	194785	49.152	ug/l	100
70) Styrene	10.71	104	338238	50.865	ug/l	100
71) Bromoform	10.85	173	80284	52.507	ug/l #	100
73) Isopropylbenzene	11.01	105	517837	47.847	ug/l	100
74) N-amyl acetate	10.89	43	230508	45.388	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	166740	46.791	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137022m	40.335	ug/l	
77) Bromobenzene	11.25	156	119648	48.670	ug/l	100
78) n-propylbenzene	11.35	91	564173	46.545	ug/l	100
79) 2-Chlorotoluene	11.42	91	350906	46.304	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	436144	48.088	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56041	46.462	ug/l	100
82) 4-Chlorotoluene	11.51	91	410182	47.447	ug/l	100
83) tert-Butylbenzene	11.76	119	425658	48.452	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	446670	48.720	ug/l	100
85) sec-Butylbenzene	11.94	105	502033	49.165	ug/l	100
86) p-Isopropyltoluene	12.06	119	458488	49.803	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222219	50.044	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	218742	48.938	ug/l	100
89) n-Butylbenzene	12.39	91	391676	48.489	ug/l	100
90) Hexachloroethane	12.59	117	78137	47.889	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	217943	49.240	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42500	48.073	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	140665	51.747	ug/l	100
94) Hexachlorobutadiene	13.78	225	62674	53.117	ug/l	100
95) Naphthalene	13.83	128	502925	51.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141710	52.153	ug/l	100

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

