

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013188.D
 Acq On : 23 Oct 2019 14:21
 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
 10/25/2019 4:32:46 PM

Quant Time: Oct 24 03:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 15:31:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	92588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	132085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	133578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93606	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	92454	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	5.48	113	73820	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	8.71	98	270627	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	107164	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	88792	46.642	ug/l	99
3) Chloromethane	1.32	50	74274	44.828	ug/l	97
4) Vinyl Chloride	1.40	62	78427	45.776	ug/l	97
5) Bromomethane	1.63	94	39430	43.060	ug/l	98
6) Chloroethane	1.71	64	47998	41.271	ug/l	94
7) Trichlorofluoromethane	1.92	101	130123	46.667	ug/l	98
8) Diethyl Ether	2.18	74	42925	44.854	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80717	47.890	ug/l	99
10) Methyl Iodide	2.50	142	101781	50.169	ug/l	99
11) Tert butyl alcohol	3.03	59	101545	207.968	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74786	46.695	ug/l	98
13) Acrolein	2.28	56	54296	193.619	ug/l	94
14) Allyl chloride	2.72	41	116656	46.644	ug/l	99
15) Acrylonitrile	3.13	53	200406	225.857	ug/l	99
16) Acetone	2.44	43	225750	243.077	ug/l	97
17) Carbon Disulfide	2.56	76	198550	46.332	ug/l	100
18) Methyl Acetate	2.76	43	97011	45.826	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	261850	47.186	ug/l	97
20) Methylene Chloride	2.84	84	84187	43.308	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	80551	45.778	ug/l	91
22) Diisopropyl ether	3.84	45	227829	46.736	ug/l	97
23) Vinyl Acetate	3.80	43	1009458	237.956	ug/l	99
24) 1,1-Dichloroethane	3.69	63	139972	46.866	ug/l	99
25) 2-Butanone	4.66	43	292510	230.925	ug/l	97
26) 2,2-Dichloropropane	4.57	77	133154	49.485	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	90459	45.981	ug/l	99
28) Bromochloromethane	5.00	49	39202	49.096	ug/l	100
29) Tetrahydrofuran	5.11	42	169525	223.071	ug/l	98
30) Chloroform	5.20	83	149451	46.303	ug/l	99
31) Cyclohexane	5.57	56	124921	48.221	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	138598	47.866	ug/l	100
36) 1,1-Dichloropropene	5.79	75	112784	47.654	ug/l	99
37) Ethyl Acetate	4.82	43	104183	44.552	ug/l	99
38) Carbon Tetrachloride	5.78	117	118139	48.938	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	139502	49.708	ug/l	99
40) Benzene	6.13	78	320860	47.676	ug/l	96
41) Methacrylonitrile	5.03	41	58054	46.865	ug/l	98
42) 1,2-Dichloroethane	6.18	62	122348	48.386	ug/l	99
43) Isopropyl Acetate	6.44	43	178986	47.974	ug/l	100
44) Trichloroethene	7.20	130	90881	47.667	ug/l	99
45) 1,2-Dichloropropane	7.51	63	78399	46.935	ug/l	99
46) Dibromomethane	7.65	93	57197	48.515	ug/l	98
47) Bromodichloromethane	7.89	83	114460	49.272	ug/l	100
48) Methyl methacrylate	7.76	41	86893	48.026	ug/l	99
49) 1,4-Dioxane	7.73	88	44653	906.144	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	534802	233.904	ug/l	99
52) Toluene	8.78	92	208506	48.017	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129855	52.200	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139486	50.831	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	83095	47.328	ug/l	97
56) Ethyl methacrylate	9.17	69	130270	48.475	ug/l	98
57) 1,3-Dichloropropane	9.37	76	139683	48.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	267094	253.238	ug/l	99
59) 2-Hexanone	9.48	43	428140	238.721	ug/l	99
60) Dibromochloromethane	9.57	129	92659	51.422	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89908	47.905	ug/l	99
64) Tetrachloroethene	9.33	164	87940	48.474	ug/l	99
65) Chlorobenzene	10.14	112	222903	47.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	84622	49.507	ug/l	98
67) Ethyl Benzene	10.25	91	412148	49.409	ug/l	98
68) m/p-Xylenes	10.36	106	308425	97.822	ug/l	100
69) o-Xylene	10.70	106	147493	48.018	ug/l	99
70) Styrene	10.71	104	261833	50.664	ug/l	100
71) Bromoform	10.85	173	65450	53.008	ug/l #	99
73) Isopropylbenzene	11.01	105	405227	48.312	ug/l	100
74) N-amyl acetate	10.89	43	156311	49.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	126209	48.590	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	100120m	46.198	ug/l	
77) Bromobenzene	11.25	156	96313	48.538	ug/l	99
78) n-propylbenzene	11.35	91	452518	50.350	ug/l	100
79) 2-Chlorotoluene	11.42	91	280864	48.565	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	353869	50.420	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	41599	49.085	ug/l	98
82) 4-Chlorotoluene	11.51	91	317733	48.197	ug/l	100
83) tert-Butylbenzene	11.76	119	333872	48.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	349754	48.626	ug/l	100
85) sec-Butylbenzene	11.94	105	390376	49.485	ug/l	99
86) p-Isopropyltoluene	12.06	119	379311	51.152	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182563	49.317	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	179179	47.669	ug/l	100
89) n-Butylbenzene	12.39	91	315255	51.424	ug/l	99
90) Hexachloroethane	12.59	117	64576	51.168	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	174882	48.588	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31996	50.990	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	116618	51.045	ug/l	99
94) Hexachlorobutadiene	13.78	225	59747	51.579	ug/l	95
95) Naphthalene	13.83	128	359521	50.342	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	112598	49.073	ug/l	98

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

