

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092719\
 Data File : VX012693.D
 Acq On : 27 Sep 2019 14:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 8:24:31 AM

Quant Time: Sep 28 04:23:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	198870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	340808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	144325	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	143434	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.48	113	108041	53.23	ug/l	-0.01
Spiked Amount			Recovery	=	106.46%	
50) Toluene-d8	8.71	98	410444	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.13	95	164801	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	108135	48.334	ug/l	97
3) Chloromethane	1.32	50	114923	44.735	ug/l	98
4) Vinyl Chloride	1.40	62	123101	48.209	ug/l	99
5) Bromomethane	1.63	94	47515	47.327	ug/l	94
6) Chloroethane	1.71	64	77278	44.893	ug/l	95
7) Trichlorofluoromethane	1.92	101	176598	49.259	ug/l	99
8) Diethyl Ether	2.17	74	72274	49.193	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104273	47.752	ug/l	96
10) Methyl Iodide	2.50	142	103254	45.392	ug/l	93
11) Tert butyl alcohol	3.03	59	156901	216.887	ug/l	100
12) 1,1-Dichloroethene	2.36	96	98818	46.216	ug/l	97
13) Acrolein	2.28	56	24500	68.540	ug/l	92
14) Allyl chloride	2.72	41	204758	48.267	ug/l	98
15) Acrylonitrile	3.12	53	340169	231.774	ug/l	99
16) Acetone	2.43	43	349408	227.788	ug/l	99
17) Carbon Disulfide	2.56	76	272719	45.496	ug/l	98
18) Methyl Acetate	2.76	43	163907	45.380	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	394981	48.803	ug/l	97
20) Methylene Chloride	2.84	84	122805	47.334	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	114659	48.403	ug/l	97
22) Diisopropyl ether	3.84	45	398312	48.592	ug/l	99
23) Vinyl Acetate	3.80	43	1753577	243.943	ug/l	98
24) 1,1-Dichloroethane	3.68	63	216440	48.576	ug/l	100
25) 2-Butanone	4.65	43	506740	230.398	ug/l	98
26) 2,2-Dichloropropane	4.56	77	194641	49.116	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	133353	48.517	ug/l	95
28) Bromochloromethane	5.00	49	90518	55.949	ug/l	100
29) Tetrahydrofuran	5.11	42	302755	225.844	ug/l	97
30) Chloroform	5.19	83	219609	48.175	ug/l	99
31) Cyclohexane	5.56	56	197784	49.066	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	195945	48.499	ug/l	99
36) 1,1-Dichloropropene	5.78	75	163942	49.906	ug/l	98
37) Ethyl Acetate	4.81	43	182929	47.631	ug/l	98
38) Carbon Tetrachloride	5.77	117	166508	49.897	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	201491	50.949	ug/l	99
40) Benzene	6.13	78	482255	49.895	ug/l	98
41) Methacrylonitrile	5.02	41	102462	47.550	ug/l	96
42) 1,2-Dichloroethane	6.18	62	179819	48.992	ug/l	98
43) Isopropyl Acetate	6.43	43	305751	47.606	ug/l	98
44) Trichloroethene	7.20	130	124322	50.314	ug/l	94
45) 1,2-Dichloropropane	7.50	63	123649	49.968	ug/l	100
46) Dibromomethane	7.65	93	82589	49.019	ug/l	96
47) Bromodichloromethane	7.89	83	169948	50.469	ug/l	100
48) Methyl methacrylate	7.76	41	149138	48.428	ug/l	93
49) 1,4-Dioxane	7.73	88	66482	951.774	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	932857	235.300	ug/l	96
52) Toluene	8.78	92	305617	50.309	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	193002	51.803	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	208854	51.343	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	122039	50.530	ug/l	98
56) Ethyl methacrylate	9.17	69	203773	50.221	ug/l	94
57) 1,3-Dichloropropane	9.36	76	212080	50.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	475733	261.204	ug/l	99
59) 2-Hexanone	9.48	43	722657	238.138	ug/l	95
60) Dibromochloromethane	9.57	129	127995	52.353	ug/l	100
61) 1,2-Dibromoethane	9.67	107	128738	51.218	ug/l	99
64) Tetrachloroethene	9.33	164	110027	52.362	ug/l	96
65) Chlorobenzene	10.13	112	318325	50.158	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	117728	51.198	ug/l	98
67) Ethyl Benzene	10.25	91	596786	51.846	ug/l	99
68) m/p-Xylenes	10.35	106	448028	103.904	ug/l	100
69) o-Xylene	10.70	106	214438	51.395	ug/l	100
70) Styrene	10.71	104	374939	53.604	ug/l	98
71) Bromoform	10.85	173	84616	52.848	ug/l #	97
73) Isopropylbenzene	11.01	105	584082	49.689	ug/l	99
74) N-amyl acetate	10.89	43	271942	48.493	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185466	47.641	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	160003m	41.910	ug/l	
77) Bromobenzene	11.25	156	129910	48.830	ug/l	97
78) n-propylbenzene	11.35	91	679876	51.374	ug/l	99
79) 2-Chlorotoluene	11.42	91	401633	48.650	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	494315	50.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65098	48.865	ug/l	96
82) 4-Chlorotoluene	11.51	91	461969	49.089	ug/l	99
83) tert-Butylbenzene	11.76	119	472692	49.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	498853	50.167	ug/l	99
85) sec-Butylbenzene	11.94	105	565430	51.125	ug/l	99
86) p-Isopropyltoluene	12.06	119	523622	52.470	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	244903	51.152	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	245134	50.669	ug/l	98
89) n-Butylbenzene	12.39	91	463863	52.749	ug/l	100
90) Hexachloroethane	12.59	117	89130	50.097	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	239556	49.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46054	47.292	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156164	53.423	ug/l	99
94) Hexachlorobutadiene	13.78	225	70384	55.969	ug/l	99
95) Naphthalene	13.83	128	547347	51.753	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	158296	54.059	ug/l	99

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

