

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012618.D
 Acq On : 23 Sep 2019 20:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:05:42 AM

Quant Time: Sep 24 03:17:53 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	5.65	168	175218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132048	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	132906	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.49	113	97394	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.71	98	363834	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.14	95	142576	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	97168	49.295	ug/l	100
3) Chloromethane	1.32	50	114047	50.386	ug/l	98
4) Vinyl Chloride	1.40	62	115156	51.185	ug/l	96
5) Bromomethane	1.63	94	42663	48.231	ug/l	97
6) Chloroethane	1.71	64	70997	46.811	ug/l	94
7) Trichlorofluoromethane	1.92	101	158468	50.168	ug/l	97
8) Diethyl Ether	2.18	74	66435	51.322	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	96012	49.905	ug/l	97
10) Methyl Iodide	2.50	142	102419	50.479	ug/l	96
11) Tert butyl alcohol	3.04	59	163901	257.146	ug/l	100
12) 1,1-Dichloroethene	2.36	96	97823	51.926	ug/l	95
13) Acrolein	2.28	56	77271	218.952	ug/l	97
14) Allyl chloride	2.72	41	193658	51.812	ug/l	98
15) Acrylonitrile	3.13	53	340349	263.200	ug/l	99
16) Acetone	2.44	43	303129	224.293	ug/l	98
17) Carbon Disulfide	2.56	76	258987	49.037	ug/l	99
18) Methyl Acetate	2.76	43	165764	52.089	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	370294	51.929	ug/l	97
20) Methylene Chloride	2.85	84	114938	50.282	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	106632	51.091	ug/l	98
22) Diisopropyl ether	3.84	45	377778	52.308	ug/l	99
23) Vinyl Acetate	3.80	43	1672795	264.118	ug/l	100
24) 1,1-Dichloroethane	3.69	63	203507	51.838	ug/l	98
25) 2-Butanone	4.66	43	488094	251.876	ug/l	99
26) 2,2-Dichloropropane	4.57	77	158025	45.259	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	123526	51.008	ug/l	96
28) Bromochloromethane	5.00	49	74054	51.951	ug/l	100
29) Tetrahydrofuran	5.12	42	314221	266.037	ug/l	99
30) Chloroform	5.20	83	206228	51.346	ug/l	96
31) Cyclohexane	5.57	56	182012	51.249	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	182572	51.289	ug/l	100
36) 1,1-Dichloropropene	5.79	75	153043	48.927	ug/l	98
37) Ethyl Acetate	4.82	43	185325	50.677	ug/l	98
38) Carbon Tetrachloride	5.78	117	155266	48.864	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177897	47.241	ug/l	98
40) Benzene	6.14	78	451447	49.052	ug/l	97
41) Methacrylonitrile	5.03	41	100002	48.738	ug/l	96
42) 1,2-Dichloroethane	6.18	62	173269	49.577	ug/l	99
43) Isopropyl Acetate	6.43	43	301644	49.324	ug/l	99
44) Trichloroethene	7.20	130	112735	47.915	ug/l	93
45) 1,2-Dichloropropane	7.51	63	118547	50.311	ug/l	98
46) Dibromomethane	7.65	93	79549	49.585	ug/l	94
47) Bromodichloromethane	7.89	83	156897	48.933	ug/l	100
48) Methyl methacrylate	7.76	41	143735	49.016	ug/l	95
49) 1,4-Dioxane	7.73	88	69020	1037.710	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	945036	250.337	ug/l	97
52) Toluene	8.78	92	286329	49.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	175681	49.521	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	188889	48.766	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114267	49.687	ug/l	98
56) Ethyl methacrylate	9.17	69	192828	49.909	ug/l	95
57) 1,3-Dichloropropane	9.37	76	200733	49.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	448118	258.393	ug/l	98
59) 2-Hexanone	9.49	43	732211	253.398	ug/l	96
60) Dibromochloromethane	9.58	129	116493	50.040	ug/l	98
61) 1,2-Dibromoethane	9.67	107	121706	50.851	ug/l	100
64) Tetrachloroethene	9.33	164	99741	49.831	ug/l	95
65) Chlorobenzene	10.14	112	295340	48.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108146	49.374	ug/l	98
67) Ethyl Benzene	10.25	91	544913	49.698	ug/l	99
68) m/p-Xylenes	10.35	106	405173	98.646	ug/l	99
69) o-Xylene	10.70	106	199152	50.109	ug/l	100
70) Styrene	10.71	104	341938	51.321	ug/l	100
71) Bromoform	10.85	173	77758	50.984	ug/l #	98
73) Isopropylbenzene	11.01	105	531892	49.456	ug/l	99
74) N-amyl acetate	10.89	43	260782	50.826	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	179848	50.493	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	175064m	50.119	ug/l	
77) Bromobenzene	11.25	156	118053	48.499	ug/l	95
78) n-propylbenzene	11.35	91	588113	48.572	ug/l	100
79) 2-Chlorotoluene	11.42	91	365118	48.339	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	445424	49.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56593	46.431	ug/l	97
82) 4-Chlorotoluene	11.51	91	430983	50.054	ug/l	97
83) tert-Butylbenzene	11.77	119	427544	49.144	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	454900	50.000	ug/l	99
85) sec-Butylbenzene	11.94	105	497766	49.191	ug/l	99
86) p-Isopropyltoluene	12.06	119	452054	49.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216431	49.408	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	213839	48.310	ug/l	99
89) n-Butylbenzene	12.39	91	388372	48.271	ug/l	98
90) Hexachloroethane	12.59	117	80221	49.282	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	219543	50.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45486	51.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132873	49.681	ug/l	99
94) Hexachlorobutadiene	13.78	225	53805	46.764	ug/l	99
95) Naphthalene	13.83	128	508881	52.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134332	50.140	ug/l	99

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

