

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013099.D
 Acq On : 17 Oct 2019 11:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:42 AM

Quant Time: Oct 18 08:30:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	104666	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	86063	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	8.71	98	321261	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	129878	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83520	46.266	ug/l	100
3) Chloromethane	1.32	50	85055	43.293	ug/l	97
4) Vinyl Chloride	1.40	62	89650	44.210	ug/l	98
5) Bromomethane	1.63	94	38997	46.263	ug/l	100
6) Chloroethane	1.71	64	57381	46.352	ug/l	100
7) Trichlorofluoromethane	1.92	101	140568	51.359	ug/l	99
8) Diethyl Ether	2.18	74	53302	48.248	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93105	52.562	ug/l	98
10) Methyl Iodide	2.50	142	105356	52.247	ug/l	99
11) Tert butyl alcohol	3.04	59	119977	204.465	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85791	47.936	ug/l	95
13) Acrolein	2.28	56	94280	226.090	ug/l	100
14) Allyl chloride	2.72	41	148986	46.746	ug/l	98
15) Acrylonitrile	3.13	53	260594	234.347	ug/l	99
16) Acetone	2.44	43	282354	242.001	ug/l	100
17) Carbon Disulfide	2.56	76	211175	41.382	ug/l	99
18) Methyl Acetate	2.76	43	126016	45.567	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	319325	51.667	ug/l	97
20) Methylene Chloride	2.84	84	101536	47.353	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	93178	48.575	ug/l	97
22) Diisopropyl ether	3.84	45	301032	49.291	ug/l	95
23) Vinyl Acetate	3.80	43	1297909	246.180	ug/l	100
24) 1,1-Dichloroethane	3.69	63	171883	50.027	ug/l	99
25) 2-Butanone	4.65	43	378700	233.953	ug/l	99
26) 2,2-Dichloropropane	4.57	77	155115	53.688	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	111061	50.229	ug/l	98
28) Bromochloromethane	5.00	49	49308	48.004	ug/l	96
29) Tetrahydrofuran	5.11	42	220830	221.696	ug/l	97
30) Chloroform	5.20	83	177923	50.469	ug/l	97
31) Cyclohexane	5.57	56	150882	46.964	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	157822	52.835	ug/l	99
36) 1,1-Dichloropropene	5.79	75	131860	53.004	ug/l	99
37) Ethyl Acetate	4.82	43	132675	47.694	ug/l	99
38) Carbon Tetrachloride	5.77	117	134819	55.678	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164553	54.543	ug/l	99
40) Benzene	6.13	78	394125	53.640	ug/l	99
41) Methacrylonitrile	5.03	41	76427	50.000	ug/l	99
42) 1,2-Dichloroethane	6.18	62	142114	53.902	ug/l	100
43) Isopropyl Acetate	6.43	43	228697	51.222	ug/l	99
44) Trichloroethene	7.20	130	106280	52.162	ug/l	95
45) 1,2-Dichloropropane	7.50	63	101177	54.029	ug/l	99
46) Dibromomethane	7.65	93	67962	54.471	ug/l	97
47) Bromodichloromethane	7.89	83	141643	58.173	ug/l	97
48) Methyl methacrylate	7.76	41	110643	50.853	ug/l	99
49) 1,4-Dioxane	7.73	88	51093	879.447	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	697929	250.718	ug/l	98
52) Toluene	8.78	92	253531	53.935	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	154897	50.934	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	169639	56.647	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105102	56.499	ug/l	98
56) Ethyl methacrylate	9.17	69	166118	49.873	ug/l	98
57) 1,3-Dichloropropane	9.36	76	172670	53.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	351776	257.413	ug/l	98
59) 2-Hexanone	9.48	43	553901	255.613	ug/l	99
60) Dibromochloromethane	9.57	129	109567	52.818	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106682	54.516	ug/l	100
64) Tetrachloroethene	9.33	164	102795	58.057	ug/l	95
65) Chlorobenzene	10.13	112	274524	54.153	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103789	59.049	ug/l	99
67) Ethyl Benzene	10.25	91	498336	55.342	ug/l	98
68) m/p-Xylenes	10.36	106	372703	110.792	ug/l	100
69) o-Xylene	10.70	106	182641	55.675	ug/l	98
70) Styrene	10.71	104	318834	57.171	ug/l	100
71) Bromoform	10.85	173	76813	51.218	ug/l #	100
73) Isopropylbenzene	11.01	105	497439	55.265	ug/l	99
74) N-amyl acetate	10.89	43	201161	51.892	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158564	52.965	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	129197m	47.579	ug/l	
77) Bromobenzene	11.25	156	116151	54.761	ug/l	100
78) n-propylbenzene	11.35	91	529302	53.441	ug/l	99
79) 2-Chlorotoluene	11.42	91	324385	52.113	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	415711	55.311	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	52889	50.079	ug/l	98
82) 4-Chlorotoluene	11.51	91	382545	53.618	ug/l	99
83) tert-Butylbenzene	11.76	119	412383	56.247	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	414332	54.432	ug/l	97
85) sec-Butylbenzene	11.94	105	474725	55.889	ug/l	100
86) p-Isopropyltoluene	12.06	119	451745	57.345	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206077	52.319	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	210947	52.881	ug/l	99
89) n-Butylbenzene	12.39	91	380725	57.504	ug/l	99
90) Hexachloroethane	12.59	117	73878	50.607	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	210183	54.431	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34452	49.099	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	131313	54.286	ug/l	98
94) Hexachlorobutadiene	13.78	225	65755	58.903	ug/l	99
95) Naphthalene	13.83	128	418662	49.929	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130473	52.196	ug/l	98

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

