

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009082.D
 Acq On : 19 Apr 2019 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:59 AM

Quant Time: Apr 20 02:26:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	199657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	150033	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	5.50	113	111010	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	8.71	98	429472	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	151619	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	116462	50.643	ug/l	100
3) Chloromethane	1.32	50	130813	46.334	ug/l	99
4) Vinyl Chloride	1.41	62	135778	49.412	ug/l	100
5) Bromomethane	1.64	94	72412	42.692	ug/l	96
6) Chloroethane	1.71	64	82909	51.310	ug/l	96
7) Trichlorofluoromethane	1.92	101	162304	50.589	ug/l	96
8) Diethyl Ether	2.19	74	75509	51.463	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104070	50.734	ug/l	98
10) Methyl Iodide	2.51	142	83062	38.180	ug/l	99
11) Tert butyl alcohol	3.06	59	170247	272.581	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103204	48.202	ug/l	99
13) Acrolein	2.29	56	128917	238.887	ug/l	98
14) Allyl chloride	2.72	41	251936	53.934	ug/l	99
15) Acrylonitrile	3.15	53	440056	277.556	ug/l	100
16) Acetone	2.45	43	387936	265.867	ug/l	98
17) Carbon Disulfide	2.56	76	285161	45.440	ug/l	100
18) Methyl Acetate	2.78	43	209994	57.664	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	410931	53.864	ug/l	99
20) Methylene Chloride	2.85	84	124910	50.058	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	113263	49.596	ug/l	94
22) Diisopropyl ether	3.86	45	497495	54.808	ug/l	90
23) Vinyl Acetate	3.82	43	2236267	280.269	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242326	53.183	ug/l	100
25) 2-Butanone	4.68	43	656033	281.277	ug/l	100
26) 2,2-Dichloropropane	4.58	77	161483	47.280	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	133305	51.412	ug/l	99
28) Bromochloromethane	5.02	49	106134	56.323	ug/l	98
29) Tetrahydrofuran	5.13	42	436962	279.911	ug/l	99
30) Chloroform	5.21	83	219206	53.761	ug/l	98
31) Cyclohexane	5.58	56	227304	50.720	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	177487	52.521	ug/l	99
36) 1,1-Dichloropropene	5.80	75	165323	47.745	ug/l	99
37) Ethyl Acetate	4.84	43	247396	55.524	ug/l	100
38) Carbon Tetrachloride	5.78	117	148423	50.561	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200951	47.665	ug/l	98
40) Benzene	6.14	78	510287	49.955	ug/l	100
41) Methacrylonitrile	5.04	41	136830	53.507	ug/l	98
42) 1,2-Dichloroethane	6.20	62	186087	51.426	ug/l	99
43) Isopropyl Acetate	6.45	43	385690	53.715	ug/l	99
44) Trichloroethene	7.21	130	118188	47.221	ug/l	96
45) 1,2-Dichloropropane	7.51	63	148974	52.568	ug/l	100
46) Dibromomethane	7.66	93	83229	50.464	ug/l	99
47) Bromodichloromethane	7.90	83	168917	52.218	ug/l	99
48) Methyl methacrylate	7.77	41	190146	53.595	ug/l	99
49) 1,4-Dioxane	7.74	88	62067	934.681	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1236432	270.296	ug/l	99
52) Toluene	8.79	92	297279	48.559	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	191471	51.432	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213004	51.098	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125306	51.644	ug/l	99
56) Ethyl methacrylate	9.18	69	226476	52.056	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223267	51.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	604477	258.011	ug/l	99
59) 2-Hexanone	9.49	43	936490	265.540	ug/l	99
60) Dibromochloromethane	9.58	129	121745	52.354	ug/l	100
61) 1,2-Dibromoethane	9.67	107	126366	50.462	ug/l	99
64) Tetrachloroethene	9.34	164	104477	47.597	ug/l	98
65) Chlorobenzene	10.14	112	303347	49.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113542	52.847	ug/l	99
67) Ethyl Benzene	10.25	91	559970	50.227	ug/l	99
68) m/p-Xylenes	10.36	106	406756	100.390	ug/l	99
69) o-Xylene	10.70	106	198564	50.366	ug/l	100
70) Styrene	10.71	104	345915	50.632	ug/l	99
71) Bromoform	10.86	173	89250	52.141	ug/l #	99
73) Isopropylbenzene	11.02	105	533564	52.023	ug/l	100
74) N-amyl acetate	10.90	43	320588	54.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	199078	53.123	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	171161m	51.804	ug/l	
77) Bromobenzene	11.26	156	126714	48.967	ug/l	98
78) n-propylbenzene	11.36	91	609437	51.770	ug/l	99
79) 2-Chlorotoluene	11.42	91	359645	50.698	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	441208	51.263	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	66162	51.409	ug/l	96
82) 4-Chlorotoluene	11.51	91	416354	50.537	ug/l	100
83) tert-Butylbenzene	11.77	119	434024	52.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	444541	50.741	ug/l	100
85) sec-Butylbenzene	11.94	105	511439	51.895	ug/l	100
86) p-Isopropyltoluene	12.06	119	459161	50.676	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	225512	49.791	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225046	49.016	ug/l	100
89) n-Butylbenzene	12.38	91	429632	50.915	ug/l	99
90) Hexachloroethane	12.60	117	78344	52.418	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	225190	50.351	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45477	53.299	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162447	50.317	ug/l	99
94) Hexachlorobutadiene	13.78	225	80377	49.917	ug/l	99
95) Naphthalene	13.83	128	545925	52.780	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	163289	51.261	ug/l	100

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

