

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092818\
 Data File : VX004836.D
 Acq On : 28 Sep 2018 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:30 PM

Quant Time: Sep 29 06:38:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178357	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	5.50	113	145406	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.72	98	554781	57.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.06%	
62) 4-Bromofluorobenzene	11.14	95	204408	58.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	192609	62.274	ug/l	99
3) Chloromethane	1.32	50	203014	54.102	ug/l	93
4) Vinyl Chloride	1.40	62	204695	58.161	ug/l	98
5) Bromomethane	1.64	94	127918	61.293	ug/l	100
6) Chloroethane	1.71	64	120600	63.506	ug/l	99
7) Trichlorofluoromethane	1.92	101	252395	57.928	ug/l	96
8) Diethyl Ether	2.19	74	100454	53.071	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145807	58.748	ug/l	99
10) Methyl Iodide	2.51	142	125555	37.805	ug/l	99
11) Tert butyl alcohol	3.08	59	246316	271.855	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135702	55.210	ug/l	96
13) Acrolein	2.29	56	127413	197.645	ug/l	97
14) Allyl chloride	2.73	41	299907	55.922	ug/l	94
15) Acrylonitrile	3.15	53	545642	273.563	ug/l	96
16) Acetone	2.45	43	500132	264.364	ug/l	89
17) Carbon Disulfide	2.57	76	390351	52.852	ug/l	99
18) Methyl Acetate	2.78	43	282910	59.024	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	488090	57.570	ug/l	97
20) Methylene Chloride	2.85	84	155919	56.799	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	145086	53.923	ug/l	86
22) Diisopropyl ether	3.87	45	517207	57.272	ug/l	95
23) Vinyl Acetate	3.82	43	2316921	280.283	ug/l	94
24) 1,1-Dichloroethane	3.70	63	278769	51.749	ug/l	99
25) 2-Butanone	4.70	43	765898	274.652	ug/l	92
26) 2,2-Dichloropropane	4.58	77	189096	50.409	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	166754	55.478	ug/l	99
28) Bromochloromethane	5.01	49	135942	53.589	ug/l	90
29) Tetrahydrofuran	5.16	42	498700	287.730	ug/l	92
30) Chloroform	5.22	83	282989	55.584	ug/l #	83
31) Cyclohexane	5.57	56	246753	59.848	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	227969	54.828	ug/l	99
36) 1,1-Dichloropropene	5.80	75	220028	55.109	ug/l	96
37) Ethyl Acetate	4.85	43	268553	50.672	ug/l	98
38) Carbon Tetrachloride	5.78	117	204139	48.640	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	233807	57.349	ug/l	95
40) Benzene	6.15	78	611776	48.943	ug/l	98
41) Methacrylonitrile	5.06	41	151382	51.505	ug/l	96
42) 1,2-Dichloroethane	6.20	62	218075	49.352	ug/l	97
43) Isopropyl Acetate	6.46	43	398221	52.058	ug/l	97
44) Trichloroethene	7.21	130	161187	52.456	ug/l	90
45) 1,2-Dichloropropane	7.52	63	164918	53.801	ug/l	100
46) Dibromomethane	7.66	93	104145	54.061	ug/l	97
47) Bromodichloromethane	7.90	83	199047	55.187	ug/l	100
48) Methyl methacrylate	7.77	41	209095	60.223	ug/l	92
49) 1,4-Dioxane	7.76	88	90912	1053.956	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1399946	290.658	ug/l	96
52) Toluene	8.79	92	377735	54.996	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	222451	54.578	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	241247	56.510	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	155041	51.533	ug/l	95
56) Ethyl methacrylate	9.18	69	247507	50.657	ug/l	93
57) 1,3-Dichloropropane	9.37	76	264114	52.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	695429	267.225	ug/l	93
59) 2-Hexanone	9.50	43	1113917	277.532	ug/l	93
60) Dibromochloromethane	9.58	129	160980	53.503	ug/l	100
61) 1,2-Dibromoethane	9.68	107	160882	49.932	ug/l	100
64) Tetrachloroethene	9.34	164	151811	46.609	ug/l	97
65) Chlorobenzene	10.14	112	418883	49.361	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	151881	50.909	ug/l	99
67) Ethyl Benzene	10.26	91	718281	53.313	ug/l	98
68) m/p-Xylenes	10.36	106	558109	106.008	ug/l	94
69) o-Xylene	10.70	106	269341	55.699	ug/l	96
70) Styrene	10.71	104	456232	50.426	ug/l	97
71) Bromoform	10.86	173	130857	51.233	ug/l	99
73) Isopropylbenzene	11.02	105	722654	56.274	ug/l	99
74) N-amyl acetate	10.90	43	358299	50.736	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	258183	49.390	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235225m	51.511	ug/l	
77) Bromobenzene	11.26	156	193188	51.793	ug/l	97
78) n-propylbenzene	11.36	91	843409	57.241	ug/l	99
79) 2-Chlorotoluene	11.42	91	492535	53.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	617278	52.455	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	72828	43.756	ug/l	99
82) 4-Chlorotoluene	11.51	91	592813	54.838	ug/l	99
83) tert-Butylbenzene	11.77	119	609026	57.602	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	634949	52.320	ug/l	99
85) sec-Butylbenzene	11.94	105	733234	56.936	ug/l	98
86) p-Isopropyltoluene	12.07	119	661695	56.711	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	357081	51.268	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362827	50.464	ug/l	99
89) n-Butylbenzene	12.39	91	585605	55.264	ug/l	98
90) Hexachloroethane	12.60	117	105098	54.100	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	362095	49.747	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61387	53.483	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268832	52.651	ug/l	98
94) Hexachlorobutadiene	13.79	225	129645	48.966	ug/l	96
95) Naphthalene	13.83	128	869319	51.278	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275245	52.185	ug/l	99

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

