

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092818\
 Data File : VX004857.D
 Acq On : 29 Sep 2018 08:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 01:34:48 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	242225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174973	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	141495	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	8.71	98	519267	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	193542	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	195532	59.204	ug/l	98
3) Chloromethane	1.32	50	211013	52.662	ug/l	94
4) Vinyl Chloride	1.41	62	205415	54.659	ug/l	96
5) Bromomethane	1.64	94	103551	46.466	ug/l	99
6) Chloroethane	1.71	64	121111	59.580	ug/l	91
7) Trichlorofluoromethane	1.92	101	265832	57.137	ug/l	98
8) Diethyl Ether	2.19	74	102989	50.955	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145859	55.037	ug/l	99
10) Methyl Iodide	2.51	142	141419	39.877	ug/l	99
11) Tert butyl alcohol	3.07	59	251050	259.483	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134768	51.348	ug/l	97
13) Acrolein	2.29	56	114342	166.105	ug/l	94
14) Allyl chloride	2.73	41	289134	50.490	ug/l	96
15) Acrylonitrile	3.15	53	544759	255.775	ug/l	99
16) Acetone	2.45	43	490383	242.749	ug/l	99
17) Carbon Disulfide	2.57	76	404071	51.235	ug/l	100
18) Methyl Acetate	2.78	43	280080	54.722	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	501466	55.392	ug/l	97
20) Methylene Chloride	2.85	84	166145	56.678	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	148621	51.729	ug/l	95
22) Diisopropyl ether	3.87	45	527124	54.663	ug/l	94
23) Vinyl Acetate	3.82	43	2401582	272.074	ug/l	97
24) 1,1-Dichloroethane	3.70	63	285095	49.562	ug/l	98
25) 2-Butanone	4.70	43	774232	260.008	ug/l	94
26) 2,2-Dichloropropane	4.58	77	134606	33.604	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	170941	53.259	ug/l	98
28) Bromochloromethane	5.02	49	140229	51.768	ug/l	88
29) Tetrahydrofuran	5.16	42	492169	265.928	ug/l	93
30) Chloroform	5.21	83	268738	49.433	ug/l	99
31) Cyclohexane	5.57	56	247501	56.217	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	233065	52.494	ug/l	98
36) 1,1-Dichloropropene	5.79	75	206064	50.824	ug/l	98
37) Ethyl Acetate	4.86	43	275160	51.127	ug/l	96
38) Carbon Tetrachloride	5.78	117	206388	48.426	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227951	55.060	ug/l	95
40) Benzene	6.14	78	617330	48.635	ug/l	99
41) Methacrylonitrile	5.06	41	152079	50.954	ug/l	97
42) 1,2-Dichloroethane	6.20	62	222287	49.538	ug/l	96
43) Isopropyl Acetate	6.46	43	400552	51.565	ug/l	95
44) Trichloroethene	7.21	130	155952	49.979	ug/l	96
45) 1,2-Dichloropropane	7.52	63	160879	51.684	ug/l	100
46) Dibromomethane	7.66	93	101863	52.071	ug/l	97
47) Bromodichloromethane	7.90	83	198351	54.156	ug/l	99
48) Methyl methacrylate	7.77	41	203265	57.652	ug/l	93
49) 1,4-Dioxane	7.76	88	89881	1026.122	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1358486	277.751	ug/l	95
52) Toluene	8.79	92	369848	53.027	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	207687	50.179	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	226298	52.200	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	152429	49.893	ug/l	97
56) Ethyl methacrylate	9.18	69	241124	48.715	ug/l	93
57) 1,3-Dichloropropane	9.37	76	258053	50.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	665088	252.500	ug/l	93
59) 2-Hexanone	9.50	43	1073939	263.493	ug/l	93
60) Dibromochloromethane	9.59	129	157332	51.493	ug/l	100
61) 1,2-Dibromoethane	9.67	107	158202	48.352	ug/l	99
64) Tetrachloroethene	9.34	164	156895	48.181	ug/l	98
65) Chlorobenzene	10.14	112	413184	48.701	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	149942	50.271	ug/l	98
67) Ethyl Benzene	10.25	91	703792	52.250	ug/l	97
68) m/p-Xylenes	10.36	106	547285	103.977	ug/l	94
69) o-Xylene	10.70	106	266215	55.065	ug/l	97
70) Styrene	10.71	104	450574	49.838	ug/l	97
71) Bromoform	10.86	173	129684	50.786	ug/l	99
73) Isopropylbenzene	11.02	105	708488	54.925	ug/l	99
74) N-amyl acetate	10.90	43	349411	49.308	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	253450	48.269	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	232626m	50.716	ug/l	
77) Bromobenzene	11.26	156	189299	50.525	ug/l	96
78) n-propylbenzene	11.36	91	818354	55.293	ug/l	99
79) 2-Chlorotoluene	11.42	91	488965	53.003	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	605020	51.180	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	63684	38.349	ug/l	99
82) 4-Chlorotoluene	11.51	91	580002	53.414	ug/l	99
83) tert-Butylbenzene	11.77	119	591049	55.653	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	623671	51.158	ug/l	98
85) sec-Butylbenzene	11.94	105	711635	55.013	ug/l	99
86) p-Isopropyltoluene	12.07	119	639470	54.563	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	352085	50.326	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	354445	49.079	ug/l	99
89) n-Butylbenzene	12.39	91	571104	53.655	ug/l	97
90) Hexachloroethane	12.60	117	100698	51.605	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	356481	48.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58066	50.365	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	264358	51.545	ug/l	99
94) Hexachlorobutadiene	13.79	225	124244	46.717	ug/l	97
95) Naphthalene	13.83	128	845782	49.691	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	270587	51.073	ug/l	99

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

