

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006110.D
 Acq On : 20 Nov 2018 19:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 10:37:28 AM

Quant Time: Nov 21 08:14:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	446724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	530935	151.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.98%	
35) Dibromofluoromethane	5.50	113	433488	151.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.34%	
50) Toluene-d8	8.71	98	1668208	152.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.04%	
62) 4-Bromofluorobenzene	11.14	95	685195	166.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	325669	145.37	ug/l	99
3) Chloromethane	1.32	50	427760	151.15	ug/l	99
4) Vinyl Chloride	1.41	62	433769	150.69	ug/l	97
5) Bromomethane	1.64	94	362347	181.57	ug/l	98
6) Chloroethane	1.70	64	347085	195.71	ug/l	98
7) Trichlorofluoromethane	1.92	101	563009	149.51	ug/l	100
8) Diethyl Ether	2.19	74	222334	139.67	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	320809	143.67	ug/l	100
10) Methyl Iodide	2.50	142	449194	160.45	ug/l	99
11) Tert butyl alcohol	3.10	59	612933	824.82	ug/l	97
12) 1,1-Dichloroethene	2.37	96	309730	142.29	ug/l	97
13) Acrolein	2.30	56	329970	742.06	ug/l	99
14) Allyl chloride	2.72	41	663057	148.88	ug/l	99
15) Acrylonitrile	3.15	53	1226223	747.08	ug/l	100
16) Acetone	2.45	43	1094137	705.84	ug/l	99
17) Carbon Disulfide	2.56	76	927580	157.81	ug/l	99
18) Methyl Acetate	2.78	43	609297	153.28	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1116035	148.33	ug/l	100
20) Methylene Chloride	2.85	84	352229	137.91	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	338413	148.59	ug/l	95
22) Diisopropyl ether	3.87	45	1497952	157.12	ug/l	99
23) Vinyl Acetate	3.82	43	6500442	821.85	ug/l	100
24) 1,1-Dichloroethane	3.69	63	653062	145.40	ug/l	99
25) 2-Butanone	4.71	43	2176145	756.33	ug/l	99
26) 2,2-Dichloropropane	4.58	77	553761	149.59	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	469848	147.60	ug/l	99
28) Bromochloromethane	5.02	49	366144	139.87	ug/l	100
29) Tetrahydrofuran	5.16	42	1407929	784.42	ug/l	100
30) Chloroform	5.21	83	782876	143.83	ug/l	99
31) Cyclohexane	5.57	56	713188	152.01	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	678380	154.36	ug/l	99
36) 1,1-Dichloropropene	5.79	75	601939	148.11	ug/l	99
37) Ethyl Acetate	4.86	43	785433	150.21	ug/l	99
38) Carbon Tetrachloride	5.78	117	597464	156.41	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	718367	155.15	ug/l	98
40) Benzene	6.14	78	1747951	145.98	ug/l	99
41) Methacrylonitrile	5.06	41	440758	152.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	640578	143.10	ug/l	99
43) Isopropyl Acetate	6.46	43	1216035	161.04	ug/l	99
44) Trichloroethene	7.21	130	492013	147.85	ug/l	98
45) 1,2-Dichloropropane	7.52	63	474839	149.85	ug/l	100
46) Dibromomethane	7.66	93	312657	144.08	ug/l	99
47) Bromodichloromethane	7.90	83	613924	152.96	ug/l	99
48) Methyl methacrylate	7.78	41	649415	169.58	ug/l	100
49) 1,4-Dioxane	7.76	88	293699	3232.54	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	4537656	838.23	ug/l	99
52) Toluene	8.79	92	1133503	153.05	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	708891	169.26	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	748934	161.75	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	477675	148.93	ug/l	98
56) Ethyl methacrylate	9.18	69	797539	181.10	ug/l	99
57) 1,3-Dichloropropane	9.37	76	791226	149.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2159815	853.32	ug/l	99
59) 2-Hexanone	9.50	43	3697746	860.72	ug/l	99
60) Dibromochloromethane	9.59	129	526867	167.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	508867	154.00	ug/l	99
64) Tetrachloroethene	9.34	164	499619	139.20	ug/l	99
65) Chlorobenzene	10.14	112	1325354	148.14	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	484395	157.71	ug/l	100
67) Ethyl Benzene	10.25	91	2277726	155.49	ug/l	98
68) m/p-Xylenes	10.36	106	1788395	313.52	ug/l	100
69) o-Xylene	10.70	106	872388	160.11	ug/l	99
70) Styrene	10.71	104	1501210	168.98	ug/l	100
71) Bromoform	10.86	173	481983	175.31	ug/l	99
73) Isopropylbenzene	11.02	105	2365877	149.41	ug/l	99
74) N-amyl acetate	10.90	43	1261900	175.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	884579	148.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	799018m	148.30	ug/l	
77) Bromobenzene	11.26	156	650510	146.65	ug/l	99
78) n-propylbenzene	11.36	91	2817642	152.80	ug/l	100
79) 2-Chlorotoluene	11.42	91	1643968	147.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2077691	155.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	276278	173.43	ug/l	94
82) 4-Chlorotoluene	11.51	91	2007251	154.18	ug/l	99
83) tert-Butylbenzene	11.77	119	2063261	158.31	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	2142888	157.36	ug/l	100
85) sec-Butylbenzene	11.94	105	2506612	157.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	2238433	157.49	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	1231626	150.59	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1244854	146.82	ug/l	100
89) n-Butylbenzene	12.39	91	2121685	164.87	ug/l	100
90) Hexachloroethane	12.60	117	378923	167.06	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1256110	150.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	225525	162.87	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	935451	158.81	ug/l	99
94) Hexachlorobutadiene	13.79	225	426274	148.49	ug/l	100
95) Naphthalene	13.83	128	2851385	164.62	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	923803	153.83	ug/l	100

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

