

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013602.D
 Acq On : 26 Nov 2019 15:28
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 11/27/2019 2:09:37 PM

Quant Time: Nov 26 15:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	666696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1043979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	956832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	518047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	1117441	143.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.46%	
35) Dibromofluoromethane	5.49	113	951494	147.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.30%	
50) Toluene-d8	8.71	98	3588831	146.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.86%	
62) 4-Bromofluorobenzene	11.14	95	1382403	156.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1141979	150.310	ug/l	100
3) Chloromethane	1.31	50	1225983	148.224	ug/l	100
4) Vinyl Chloride	1.40	62	1399553	148.925	ug/l	99
5) Bromomethane	1.62	94	932997	144.723	ug/l	97
6) Chloroethane	1.70	64	743758	124.443	ug/l	97
7) Trichlorofluoromethane	1.91	101	1486149	135.062	ug/l	100
8) Diethyl Ether	2.18	74	682847	139.874	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	904382	145.378	ug/l	98
10) Methyl Iodide	2.50	142	1225089	158.633	ug/l	100
11) Tert butyl alcohol	3.06	59	1389647	679.358	ug/l	99
12) 1,1-Dichloroethene	2.36	96	934540	153.156	ug/l	99
13) Acrolein	2.28	56	973849	848.247	ug/l	98
14) Allyl chloride	2.72	41	1717644	154.481	ug/l	99
15) Acrylonitrile	3.14	53	2897387	752.091	ug/l	99
16) Acetone	2.44	43	2634801	677.553	ug/l	99
17) Carbon Disulfide	2.55	76	2660601	161.858	ug/l	100
18) Methyl Acetate	2.76	43	1620322	150.256	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	3088863	152.297	ug/l	99
20) Methylene Chloride	2.84	84	1033957	142.560	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	1000245	150.587	ug/l	97
22) Diisopropyl ether	3.84	45	3269896	153.084	ug/l	98
23) Vinyl Acetate	3.81	43	13584061	745.606	ug/l	98
24) 1,1-Dichloroethane	3.69	63	1795948	150.256	ug/l	98
25) 2-Butanone	4.67	43	4217673	738.051	ug/l	99
26) 2,2-Dichloropropane	4.57	77	1472486	154.226	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	1147342	154.073	ug/l	99
28) Bromochloromethane	5.01	49	710380	195.837	ug/l	99
29) Tetrahydrofuran	5.12	42	2666610	758.974	ug/l	99
30) Chloroform	5.20	83	1734210	147.128	ug/l	98
31) Cyclohexane	5.57	56	1645952	151.832	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1523901	150.562	ug/l	99
36) 1,1-Dichloropropene	5.79	75	1358079	152.213	ug/l	99
37) Ethyl Acetate	4.83	43	1586450	145.003	ug/l	100
38) Carbon Tetrachloride	5.78	117	1321456	152.441	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1706566	152.834	ug/l	98
40) Benzene	6.14	78	4089380	147.046	ug/l	99
41) Methacrylonitrile	5.03	41	878707	143.285	ug/l	99
42) 1,2-Dichloroethane	6.18	62	1403041	141.749	ug/l	99
43) Isopropyl Acetate	6.43	43	2626913	153.892	ug/l	100
44) Trichloroethene	7.20	130	1130355	147.413	ug/l	99
45) 1,2-Dichloropropane	7.51	63	1069271	151.156	ug/l	97
46) Dibromomethane	7.65	93	698118	145.235	ug/l	99
47) Bromodichloromethane	7.89	83	1411276	155.409	ug/l	99
48) Methyl methacrylate	7.76	41	1319540	155.442	ug/l	99
49) 1,4-Dioxane	7.74	88	564677	2912.405	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	8114418	728.957	ug/l	98
52) Toluene	8.78	92	2578893	149.578	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1652022	165.743	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	1775428	158.944	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	1046644	147.088	ug/l	99
56) Ethyl methacrylate	9.17	69	1822532	165.453	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1775354	146.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	3447579	724.188	ug/l	99
59) 2-Hexanone	9.49	43	6532370	759.595	ug/l	100
60) Dibromochloromethane	9.58	129	1181373	162.259	ug/l	100
61) 1,2-Dibromoethane	9.67	107	1132261	150.239	ug/l	98
64) Tetrachloroethene	9.33	164	970452	142.160	ug/l	98
65) Chlorobenzene	10.14	112	2827066	146.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1070588	151.365	ug/l	99
67) Ethyl Benzene	10.25	91	4911337	147.249	ug/l	98
68) m/p-Xylenes	10.35	106	3792052	301.399	ug/l	97
69) o-Xylene	10.70	106	1871784	151.360	ug/l	100
70) Styrene	10.71	104	3283140	159.258	ug/l	99
71) Bromoform	10.85	173	999135	174.573	ug/l #	100
73) Isopropylbenzene	11.01	105	4823514	140.225	ug/l	99
74) N-amyl acetate	10.89	43	2501187	157.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1802053	144.414	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1607630m	149.138	ug/l	
77) Bromobenzene	11.25	156	1337761	145.888	ug/l	99
78) n-propylbenzene	11.35	91	5551210	145.183	ug/l	98
79) 2-Chlorotoluene	11.42	91	3318049	144.060	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	4197823	146.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	666966	163.360	ug/l	95
82) 4-Chlorotoluene	11.51	91	3917234	145.414	ug/l	100
83) tert-Butylbenzene	11.77	119	4306721	150.057	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4250865	148.516	ug/l	99
85) sec-Butylbenzene	11.94	105	4883375	147.691	ug/l	99
86) p-Isopropyltoluene	12.06	119	4569278	150.206	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	2401790	147.360	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	2413733	145.507	ug/l	99
89) n-Butylbenzene	12.39	91	4150078	156.855	ug/l	99
90) Hexachloroethane	12.59	117	890970	164.162	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	2419245	148.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	415640	138.084	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1739603	153.341	ug/l	99
94) Hexachlorobutadiene	13.78	225	804462	146.311	ug/l	98
95) Naphthalene	13.83	128	5279608	150.109	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1707567	150.867	ug/l	99

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

