

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013601.D
 Acq On : 26 Nov 2019 15:05
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 11/27/2019 2:09:33 PM

Quant Time: Nov 26 15:28:19 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	672685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1023653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	942968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	761938	96.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.58%	
35) Dibromofluoromethane	5.49	113	638769	100.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.50%	
50) Toluene-d8	8.71	98	2461596	102.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.56%	
62) 4-Bromofluorobenzene	11.14	95	911152	105.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	767304	100.095	ug/l	97
3) Chloromethane	1.31	50	830651	99.533	ug/l	99
4) Vinyl Chloride	1.40	62	956920	100.918	ug/l	100
5) Bromomethane	1.62	94	607475	93.390	ug/l	98
6) Chloroethane	1.70	64	512402	84.970	ug/l	98
7) Trichlorofluoromethane	1.91	101	1005928	90.605	ug/l	99
8) Diethyl Ether	2.18	74	461263	93.643	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	615610	98.078	ug/l	99
10) Methyl Iodide	2.50	142	840472	107.861	ug/l	99
11) Tert butyl alcohol	3.05	59	927315	449.301	ug/l	99
12) 1,1-Dichloroethene	2.36	96	629310	102.216	ug/l	96
13) Acrolein	2.28	56	651902	562.768	ug/l	99
14) Allyl chloride	2.72	41	1168597	104.165	ug/l	99
15) Acrylonitrile	3.13	53	1978657	509.038	ug/l	99
16) Acetone	2.44	43	1850015	471.505	ug/l	99
17) Carbon Disulfide	2.56	76	1783090	107.508	ug/l	100
18) Methyl Acetate	2.76	43	1097086	100.829	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	2103918	102.811	ug/l	98
20) Methylene Chloride	2.84	84	706898	96.598	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	670879	100.101	ug/l	97
22) Diisopropyl ether	3.84	45	2218448	102.934	ug/l	98
23) Vinyl Acetate	3.80	43	9359838	509.172	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1221995	101.327	ug/l	99
25) 2-Butanone	4.66	43	2902572	503.399	ug/l	98
26) 2,2-Dichloropropane	4.57	77	1000418	103.849	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	774903	103.133	ug/l	99
28) Bromochloromethane	5.00	49	494089	134.997	ug/l	99
29) Tetrahydrofuran	5.11	42	1805993	509.448	ug/l	100
30) Chloroform	5.20	83	1184017	99.556	ug/l	98
31) Cyclohexane	5.57	56	1108349	101.330	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1025104	100.379	ug/l	99
36) 1,1-Dichloropropene	5.79	75	923612	105.573	ug/l	99
37) Ethyl Acetate	4.82	43	1071072	99.841	ug/l	99
38) Carbon Tetrachloride	5.78	117	885424	104.169	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1134733	103.641	ug/l	98
40) Benzene	6.14	78	2774347	101.741	ug/l	99
41) Methacrylonitrile	5.03	41	601531	100.035	ug/l	98
42) 1,2-Dichloroethane	6.18	62	956305	98.534	ug/l	99
43) Isopropyl Acetate	6.43	43	1759742	105.138	ug/l	100
44) Trichloroethene	7.20	130	756316	100.592	ug/l	97
45) 1,2-Dichloropropane	7.51	63	716076	103.237	ug/l	99
46) Dibromomethane	7.65	93	474399	100.653	ug/l	100
47) Bromodichloromethane	7.89	83	944415	106.064	ug/l	99
48) Methyl methacrylate	7.76	41	894429	107.456	ug/l	99
49) 1,4-Dioxane	7.73	88	385172	2026.027	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	5519789	505.715	ug/l	99
52) Toluene	8.78	92	1739973	102.924	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1093336	111.869	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	1188170	108.482	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	710063	101.768	ug/l	98
56) Ethyl methacrylate	9.17	69	1217764	112.746	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1205084	101.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2299130	492.538	ug/l	99
59) 2-Hexanone	9.49	43	4413403	523.388	ug/l	100
60) Dibromochloromethane	9.58	129	782181	109.564	ug/l	100
61) 1,2-Dibromoethane	9.67	107	755098	102.183	ug/l	99
64) Tetrachloroethene	9.33	164	658060	97.815	ug/l	99
65) Chlorobenzene	10.14	112	1907346	100.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	716387	102.775	ug/l	100
67) Ethyl Benzene	10.25	91	3353117	102.009	ug/l	98
68) m/p-Xylenes	10.35	106	2570497	207.312	ug/l	99
69) o-Xylene	10.70	106	1261068	103.474	ug/l	99
70) Styrene	10.71	104	2195080	108.044	ug/l	100
71) Bromoform	10.85	173	638895	113.272	ug/l #	100
73) Isopropylbenzene	11.01	105	3287831	100.691	ug/l	100
74) N-amyl acetate	10.89	43	1632458	108.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1159671	97.903	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	1084684m	106.005	ug/l	
77) Bromobenzene	11.25	156	886782	101.878	ug/l	99
78) n-propylbenzene	11.35	91	3748087	103.266	ug/l	100
79) 2-Chlorotoluene	11.42	91	2218351	101.464	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2810538	103.661	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	424683	109.579	ug/l	96
82) 4-Chlorotoluene	11.51	91	2593252	101.413	ug/l	100
83) tert-Butylbenzene	11.77	119	2844315	104.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2815876	103.641	ug/l	99
85) sec-Butylbenzene	11.94	105	3241072	103.263	ug/l	100
86) p-Isopropyltoluene	12.06	119	3017882	104.511	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1573346	101.693	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1568552	99.612	ug/l	99
89) n-Butylbenzene	12.39	91	2670466	106.329	ug/l	100
90) Hexachloroethane	12.59	117	566022	109.866	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1559272	100.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	269299	94.250	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	1119267	103.935	ug/l	99
94) Hexachlorobutadiene	13.78	225	511668	98.035	ug/l	98
95) Naphthalene	13.83	128	3489729	104.524	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1125083	104.718	ug/l	99

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

