

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013599.D
 Acq On : 26 Nov 2019 14:18
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 11/27/2019 2:07:40 PM

Quant Time: Nov 26 15:17:55 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	671513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1025127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	915851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	152193	19.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.74%	
35) Dibromofluoromethane	5.48	113	127106	20.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.04%	
50) Toluene-d8	8.71	98	491126	20.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.96%	
62) 4-Bromofluorobenzene	11.14	95	171597	19.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	162518	21.238	ug/l	97
3) Chloromethane	1.32	50	180998	21.726	ug/l	99
4) Vinyl Chloride	1.40	62	205141	21.672	ug/l	98
5) Bromomethane	1.63	94	120565	18.567	ug/l	100
6) Chloroethane	1.72	64	112249	18.646	ug/l	97
7) Trichlorofluoromethane	1.92	101	216636	19.547	ug/l	99
8) Diethyl Ether	2.18	74	99207	20.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	132805	21.195	ug/l	99
10) Methyl Iodide	2.50	142	149872	19.267	ug/l	99
11) Tert butyl alcohol	3.03	59	182955	88.800	ug/l	97
12) 1,1-Dichloroethene	2.37	96	134182	21.833	ug/l	93
13) Acrolein	2.28	56	135387	117.080	ug/l	96
14) Allyl chloride	2.72	41	237135	21.174	ug/l	98
15) Acrylonitrile	3.13	53	403166	103.901	ug/l	99
16) Acetone	2.43	43	412640	105.351	ug/l	99
17) Carbon Disulfide	2.56	76	362478	21.893	ug/l	99
18) Methyl Acetate	2.76	43	231005	21.268	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	444837	21.775	ug/l	100
20) Methylene Chloride	2.84	84	150714	20.631	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	141896	21.209	ug/l	99
22) Diisopropyl ether	3.84	45	475896	22.120	ug/l	94
23) Vinyl Acetate	3.80	43	1953405	106.450	ug/l	98
24) 1,1-Dichloroethane	3.69	63	256911	21.340	ug/l	98
25) 2-Butanone	4.65	43	603269	104.809	ug/l	99
26) 2,2-Dichloropropane	4.58	77	207077	21.533	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	161509	21.533	ug/l	99
28) Bromochloromethane	5.00	49	103161	28.235	ug/l	99
29) Tetrahydrofuran	5.11	42	372598	105.289	ug/l	99
30) Chloroform	5.20	83	253347	21.339	ug/l	96
31) Cyclohexane	5.57	56	233919	21.423	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	213414	20.934	ug/l	99
36) 1,1-Dichloropropene	5.79	75	189172	21.592	ug/l	99
37) Ethyl Acetate	4.82	43	219923	20.471	ug/l	99
38) Carbon Tetrachloride	5.78	117	181448	21.316	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	230518	21.024	ug/l	98
40) Benzene	6.13	78	587333	21.508	ug/l	100
41) Methacrylonitrile	5.03	41	119676	19.874	ug/l	98
42) 1,2-Dichloroethane	6.19	62	204221	21.012	ug/l	99
43) Isopropyl Acetate	6.44	43	353900	21.114	ug/l	100
44) Trichloroethene	7.21	130	158478	21.048	ug/l	94
45) 1,2-Dichloropropane	7.51	63	150107	21.610	ug/l	96
46) Dibromomethane	7.65	93	97608	20.680	ug/l	99
47) Bromodichloromethane	7.89	83	189348	21.234	ug/l	95
48) Methyl methacrylate	7.76	41	174920	20.985	ug/l	99
49) 1,4-Dioxane	7.73	88	76169	400.077	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1125195	102.940	ug/l	100
52) Toluene	8.78	92	365776	21.606	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	208484	21.301	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	236678	21.578	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	146576	20.978	ug/l	99
56) Ethyl methacrylate	9.17	69	238060	22.009	ug/l	99
57) 1,3-Dichloropropane	9.37	76	254985	21.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447125	95.649	ug/l	100
59) 2-Hexanone	9.48	43	885705	104.885	ug/l	98
60) Dibromochloromethane	9.57	129	150765	21.088	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155435	21.004	ug/l	100
64) Tetrachloroethene	9.33	164	142540	21.815	ug/l	97
65) Chlorobenzene	10.14	112	393711	21.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	142718	21.081	ug/l	98
67) Ethyl Benzene	10.25	91	691120	21.648	ug/l	99
68) m/p-Xylenes	10.36	106	524741	43.574	ug/l	100
69) o-Xylene	10.70	106	257406	21.746	ug/l	99
70) Styrene	10.71	104	427468	21.663	ug/l	99
71) Bromoform	10.85	173	114385	20.880	ug/l	99
73) Isopropylbenzene	11.01	105	674791	22.637	ug/l	100
74) N-amyl acetate	10.89	43	303531	22.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	234867	21.720	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	217400m	23.273	ug/l	
77) Bromobenzene	11.25	156	177233	22.304	ug/l	99
78) n-propylbenzene	11.35	91	754497	22.771	ug/l	100
79) 2-Chlorotoluene	11.42	91	448209	22.456	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	557085	22.507	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	73620	20.808	ug/l	98
82) 4-Chlorotoluene	11.51	91	514200	22.027	ug/l	99
83) tert-Butylbenzene	11.76	119	562628	22.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	559517	22.558	ug/l	100
85) sec-Butylbenzene	11.94	105	648623	22.637	ug/l	99
86) p-Isopropyltoluene	12.06	119	587775	22.297	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	309868	21.939	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	309621	21.539	ug/l	100
89) n-Butylbenzene	12.39	91	500040	21.809	ug/l	99
90) Hexachloroethane	12.59	117	102141	21.717	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	305588	21.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48383	18.549	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	205907	20.945	ug/l	98
94) Hexachlorobutadiene	13.78	225	99275	20.836	ug/l	98
95) Naphthalene	13.83	128	632677	20.758	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	206607	21.065	ug/l	99

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

