Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024902.D
Acq On : 14 Feb 2020 20:45
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Manual Integrations APPROVED
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2/17/2020 3:47:45 PM

Quant Time: Feb 15 04:17:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 03:52:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	347109	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1256931	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	770445	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1621172	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1573584	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1758767	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	70680	9.79	ng/uL	0.00
5) Phenol-d5	6.59	99	510406	22.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	303053	23.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	437677	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	390413	20.07	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	200932	22.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	232387	21.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	446426	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	473695	23.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1168485	20.09	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1393387	20.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	192241	20.34	ng/ul	0.00
58) Fluorene-d10	15.04	176	1005720	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	197457	18.69	ng/ul	0.00
71) Anthracene-d10	16.89	188	1515597	20.48	ng/ul	0.00
79) Pyrene-d10	19.20	212	1712537	21.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1846747	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	68734	9.032	ng/uL#	91
4) Benzaldehyde	6.55	77	219368	14.465	ng/ul	96
6) Phenol	6.62	94	545068	22.457	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.84	93	434791	22.185	ng/ul	98
10) 2-Chlorophenol	6.97	128	460203	21.850	ng/ul	98
11) 2-Methylphenol	7.85	108	402545	21.367	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.93	45	220462	14.304	ng/ul#	70
14) Acetophenone	8.20	105	646436	21.083	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.20	70	303669	20.954	ng/ul#	84
16) 4-Methylphenol	8.17	108	431254	21.202	ng/ul	99
17) Hexachloroethane	8.45	117	200275	21.088	ng/ul	93
20) Nitrobenzene	8.57	77	502312	23.276	ng/ul	94
21) Isophorone	9.10	82	886783	22.660	ng/ul	95
23) 2-Nitrophenol	9.27	139	255172	22.075	ng/ul	94
24) 2,4-Dimethylphenol	9.35	107	470158	21.772	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.59	93	553483	22.548	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	448444	20.959	ng/ul	95
28) Naphthalene	10.19	128	1333804	20.769	ng/ul	99
30) 4-Chloroaniline	10.31	127	497314	24.586	ng/ul	99
31) Hexachlorobutadiene	10.49	225	342314	19.260	ng/ul	98
32) Caprolactam	11.07	113	112456m	20.050	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	413494	20.828	ng/ul	98
34) 2-Methylnaphthalene	11.82	142	969381	20.491	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.04	142	919879	19.498	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	594661	21.826	ng/ul	97
38) Hexachlorocyclopentadiene	12.19	237	374498	19.492	ng/ul	98
39) 2,4,6-Trichlorophenol	12.45	196	365551	21.798	ng/ul	95
40) 2,4,5-Trichlorophenol	12.52	196	392097	22.370	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	1258434	22.126	ng/ul#	98
42) 2-Chloronaphthalene	12.89	162	994847	21.423	ng/ul	98
43) 2-Nitroaniline	13.11	65	237401	24.244	ng/ul	96
45) Dimethylphthalate	13.52	163	1192719	19.660	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	252784	20.605	ng/ul	93
48) Acenaphthylene	13.75	152	1436712	20.422	ng/ul	98
49) 3-Nitroaniline	13.95	138	215363	23.306	ng/ul	84
50) Acenaphthene	14.10	153	999129	21.030	ng/ul	97
51) 2,4-Dinitrophenol	14.17	184	134840	18.042	ng/ul	95
53) 4-Nitrophenol	14.28	109	152068	19.703	ng/ul	93
54) Dibenzofuran	14.44	168	1475024	20.828	ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	347033	19.821	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.68	232	346253	20.216	ng/ul	99
57) Diethylphthalate	14.90	149	1138542	18.966	ng/ul	100
59) Fluorene	15.10	166	1163359	19.932	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.10	204	641250	19.081	ng/ul	99
61) 4-Nitroaniline	15.12	138	225007	19.662	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.19	198	218299	19.300	ng/ul	97
65) N-Nitrosodiphenylamine	15.32	169	1002432	22.136	ng/ul	98
66) 4-Bromophenyl-phenylether	16.00	248	425885	20.965	ng/ul	99
67) Hexachlorobenzene	16.11	284	483020	20.119	ng/ul	98
68) Atrazine	16.29	200	371233	19.079	ng/ul	98
69) Pentachlorophenol	16.46	266	290410	20.216	ng/ul	98
70) Phenanthrene	16.84	178	1813893	20.521	ng/ul	99
72) Anthracene	16.93	178	1830240	20.416	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	585105	21.980	ng/uL	98
74) Pentachlorobenzene	14.37	250	579581	20.516	ng/uL	98
75) Carbazole	17.20	167	1586567	21.244	ng/ul	100
76) Di-n-butylphthalate	17.80	149	1860473	19.579	ng/ul	100
77) Fluoranthene	18.86	202	2161707	19.921	ng/ul#	95
80) Pyrene	19.23	202	2216158	21.276	ng/ul#	94
81) Butylbenzylphthalate	20.17	149	833416	21.391	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.94	252	707280	19.228	ng/ul	97
83) Benzo(a)anthracene	20.99	228	2258710	21.309	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1212852	19.667	ng/ul	99
85) Chrysene	21.04	228	2111568	20.235	ng/ul	99
87) Di-n-octyl phthalate	21.82	149	1999266	19.022	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2398595	21.447	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	2138508	19.866	ng/ul	99
91) Benzo(a)pyrene	23.01	252	2175072	21.693	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.15	276	2594036	20.781	ng/ul	99
93) Dibenzo(a,h)anthracene	25.17	278	2207209	20.753	ng/ul	99
94) Benzo(g,h,i)perylene	25.77	276	2160177	20.807	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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