Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031420\
Data File : BN010219.D
Acq On : 14 Mar 2020 13:02
Operator : CG/JU
Sample : SSTD08053
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08053

Manual Integrations APPROVED
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3/16/2020 1:54:27 PM

Quant Time: Mar 16 05:26:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:58:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	348048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1418728	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	893398	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1991983	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1964553	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2215532	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	242107	28.61	ng/uL	0.00
5) Phenol-d5	6.82	99	2135193	72.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	1229269	60.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	1787850	80.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	1729157	73.43	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	812663	78.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	759589	66.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	1815752	83.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	2115732	86.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	5191776	77.80	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	6459569	82.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	887188	72.80	ng/ul	0.02
58) Fluorene-d10	15.26	176	4629122	80.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	688002	55.60	ng/ul	0.01
71) Anthracene-d10	17.10	188	6992696	76.58	ng/ul	0.00
79) Pyrene-d10	19.40	212	7949738	77.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	8761162	79.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	256941	26.430	ng/uL	96
4) Benzaldehyde	6.78	77	1320233	67.061	ng/ul	97
6) Phenol	6.84	94	2279742	71.861	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	1750786	70.216	ng/ul	98
10) 2-Chlorophenol	7.20	128	1853167	78.937	ng/ul	97
11) 2-Methylphenol	8.08	108	1720115	74.095	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	2045550	33.465	ng/ul	97
14) Acetophenone	8.45	105	2726017	71.040	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	1380852	68.869	ng/ul	99
16) 4-Methylphenol	8.40	108	1837197	72.124	ng/ul	98
17) Hexachloroethane	8.70	117	784690	73.469	ng/ul	97
20) Nitrobenzene	8.82	77	2046250	66.905	ng/ul	97
21) Isophorone	9.35	82	3928352	72.981	ng/ul	100
23) 2-Nitrophenol	9.52	139	891266	70.149	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	2018781	73.181	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	2333868	70.945	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	1768121	80.284	ng/ul	99
28) Naphthalene	10.45	128	5944688	77.703	ng/ul	99
30) 4-Chloroaniline	10.55	127	2127786	84.722	ng/ul	99
31) Hexachlorobutadiene	10.75	225	1252703	85.055	ng/ul	97
32) Caprolactam	11.32	113	571544m	77.385	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	1834816	72.860	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	4198765	79.038	ng/ul	96

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35) 1-Methylnaphthalene	12.29	142	4141190	77.771	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	2291908	86.549	ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	1606330	140.201	ng/ul	99
39) 2,4,6-Trichlorophenol	12.68	196	1373454	81.720	ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	1473252	81.709	ng/ul	94
41) 1,1'-Biphenyl	13.09	154	5374558	78.326	ng/ul	100
42) 2-Chloronaphthalene	13.13	162	4310078	79.092	ng/ul	98
43) 2-Nitroaniline	13.33	65	1106385	55.518	ng/ul	90
45) Dimethylphthalate	13.73	163	5392433	77.442	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	1097174	80.488	ng/ul	93
48) Acenaphthylene	13.97	152	6759856	79.466	ng/ul	99
49) 3-Nitroaniline	14.16	138	933202	74.152	ng/ul#	98
50) Acenaphthene	14.32	153	4637605	79.527	ng/ul	99
51) 2,4-Dinitrophenol	14.36	184	406672	51.966	ng/ul	99
53) 4-Nitrophenol	14.47	109	719645	65.439	ng/ul	96
54) Dibenzofuran	14.66	168	6251755	76.380	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	1557106	77.074	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.89	232	1211929	78.177	ng/ul	94
57) Diethylphthalate	15.11	149	5469066	76.491	ng/ul	100
59) Fluorene	15.31	166	5256157	76.519	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	2638939	77.896	ng/ul	98
61) 4-Nitroaniline	15.33	138	1123020	73.176	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.39	198	803370	60.267	ng/ul#	97
65) N-Nitrosodiphenylamine	15.53	169	4517616	76.436	ng/ul	98
66) 4-Bromophenyl-phenylether	16.21	248	1643236	82.441	ng/ul	98
67) Hexachlorobenzene	16.32	284	1822799	82.645	ng/ul	97
68) Atrazine	16.49	200	1788046	79.750	ng/ul	98
69) Pentachlorophenol	16.66	266	971954	76.256	ng/ul	96
70) Phenanthrene	17.05	178	8490106	74.682	ng/ul	99
72) Anthracene	17.14	178	8641539	74.358	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	2461694	84.588	ng/uL	96
74) Pentachlorobenzene	14.59	250	2255148	80.353	ng/uL	98
75) Carbazole	17.40	167	7603840	74.298	ng/ul	98
76) Di-n-butylphthalate	18.00	149	9367873	74.161	ng/ul	98
77) Fluoranthene	19.07	202	10334715	77.609	ng/ul	100
80) Pyrene	19.43	202	10324427	72.894	ng/ul	96
81) Butylbenzylphthalate	20.36	149	4290103	73.681	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.12	252	3533264	82.488	ng/ul	96
83) Benzo(a)anthracene	21.19	228	10385877	76.929	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.16	149	6341852	71.342	ng/ul	98
85) Chrysene	21.24	228	9907299	74.541	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	10814627	64.493	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	10568956	73.576	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	10724793	78.850	ng/ul	99
91) Benzo(a)pyrene	23.29	252	9667923	74.831	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.55	276	12509467	81.553	ng/ul	99
93) Dibenzo(a,h)anthracene	25.57	278	10280088	78.342	ng/ul	97
94) Benzo(g,h,i)perylene	26.21	276	10413868	80.968	ng/ul	99

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

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