Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005351.D
Acq On : 29 Apr 2019 09:57
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02082

Manual Integrations APPROVED
Sohil
4/30/2019 6:27:33 PM

Quant Time: Apr 30 01:01:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	472150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2057142	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1244220	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2876984	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	2318173	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	2206616	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	64279	6.57	ng/uL	0.00
5) Phenol-d5	6.78	99	664774	17.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	381182	16.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	530014	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	534631	18.44	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	262850	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	282833	22.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	563855	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	591197	19.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1585382	17.55	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2069218	18.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	283230	19.86	ng/ul	0.00
57) Fluorene-d10	15.23	176	1412461	18.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	244817	18.92	ng/ul	0.00
70) Anthracene-d10	17.08	188	2238744	18.56	ng/ul	0.00
78) Pyrene-d10	19.40	212	2323105	19.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1810581	18.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	70883	6.739	ng/uL	99
4) Benzaldehyde	6.75	77	466815	17.764	ng/ul	95
6) Phenol	6.80	94	682459	17.892	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	529601	17.340	ng/ul	94
10) 2-Chlorophenol	7.16	128	538972	18.370	ng/ul	95
11) 2-Methylphenol	8.03	108	518801	18.151	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	749657	14.619	ng/ul	95
14) Acetophenone	8.40	105	848627	18.292	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	414977	16.722	ng/ul#	90
16) 4-Methylphenol	8.36	108	572250	18.539	ng/ul	99
17) Hexachloroethane	8.65	117	203171	15.947	ng/ul	97
20) Nitrobenzene	8.78	77	619426	17.777	ng/ul	93
21) Isophorone	9.29	82	1152941	16.711	ng/ul	98
23) 2-Nitrophenol	9.48	139	303315	20.853	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	637172	17.495	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	721608	16.643	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	546048	18.805	ng/ul	98
28) Naphthalene	10.40	128	1737336	18.167	ng/ul	98
30) 4-Chloroaniline	10.52	127	602070	19.480	ng/ul	98
31) Hexachlorobutadiene	10.69	225	369785	18.033	ng/ul	100
32) Caprolactam	11.27	113	176447m	20.083	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	589980	18.044	ng/ul	94
34) 2-Methylnaphthalene	12.02	142	1277029	18.237	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	729359	18.942 ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	423555	16.134 ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	458311	19.739 ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	494466	19.818 ng/ul	96
40) 1,1'-Biphenyl	13.05	154	1668418	17.997 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1307274	18.335 ng/ul	97
42) 2-Nitroaniline	13.30	65	372198	19.681 ng/ul	86
44) Dimethylphthalate	13.69	163	1568228	17.425 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	334447	21.522 ng/ul	89
47) Acenaphthylene	13.95	152	1990600	18.259 ng/ul	98
48) 3-Nitroaniline	14.13	138	317110	21.951 ng/ul	92
49) Acenaphthene	14.29	153	1354375	18.198 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	152940	20.205 ng/ul#	85
52) 4-Nitrophenol	14.45	109	227187	17.550 ng/ul	87
53) Dibenzofuran	14.63	168	1973583	18.418 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	488451	21.804 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.86	232	425365	20.493 ng/ul	95
56) Diethylphthalate	15.07	149	1525306	16.903 ng/ul	99
58) Fluorene	15.28	166	1560236	18.660 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.29	204	825860	18.619 ng/ul	97
60) 4-Nitroaniline	15.30	138	392943	21.818 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.37	198	257947	18.730 ng/ul#	88
64) N-Nitrosodiphenylamine	15.50	169	1404650	17.839 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	532087	18.358 ng/ul	95
66) Hexachlorobenzene	16.29	284	573727	18.590 ng/ul	95
67) Atrazine	16.46	200	474999	16.204 ng/ul	98
68) Pentachlorophenol	16.63	266	333630	18.462 ng/ul	98
69) Phenanthrene	17.03	178	2552005	18.214 ng/ul	99
71) Anthracene	17.12	178	2622399	18.373 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	753915	17.941 ng/uL	99
73) Pentachlorobenzene	14.55	250	688670	18.208 ng/uL	99
74) Carbazole	17.39	167	2305480	18.803 ng/ul	98
75) Di-n-butylphthalate	17.97	149	2472096	16.069 ng/ul	99
76) Fluoranthene	19.06	202	2919683	18.787 ng/ul	98
79) Pyrene	19.43	202	2892045	19.376 ng/ul	96
80) Butylbenzylphthalate	20.36	149	1044105	17.668 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.15	252	812510	17.543 ng/ul	99
82) Benzo(a)anthracene	21.21	228	2623561	18.192 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1412289	15.520 ng/ul	99
84) Chrysene	21.26	228	2460470	18.383 ng/ul	98
86) Di-n-octyl phthalate	22.06	149	2431431	17.991 ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	2237374m	18.038 ng/ul	
88) Benzo(k)fluoranthene	22.83	252	2299148	19.408 ng/ul	99
90) Benzo(a)pyrene	23.35	252	2153787	18.473 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.64	276	2282080	17.704 ng/ul	99
92) Dibenzo(a,h)anthracene	25.65	278	1981130	18.110 ng/ul	98
93) Benzo(g,h,i)perylene	26.30	276	1513162	14.197 ng/ul	98

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

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