Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002110.D
Acq On : 23 Jul 2018 17:44
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02018

Manual Integrations APPROVED
Sohil
7/24/2018 2:14:52 PM

Quant Time: Jul 24 02:22:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 24 01:41:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	221581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1016608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	607575	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1380417	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1423492	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1359745	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	36445	7.42	ng/uL	0.00
5) Phenol-d5	6.87	99	401929	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	246447	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	315396	19.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	326106	19.40	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	166155	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	183867	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	342294	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	454174	22.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1023479	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1291669	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	184093	18.71	ng/ul	0.00
57) Fluorene-d10	15.33	176	886806	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	168095	18.70	ng/ul	0.00
70) Anthracene-d10	17.18	188	1352563	20.10	ng/ul	0.00
78) Pyrene-d10	19.48	212	1461457	19.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1478290	20.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	37626	7.633	ng/uL#	90
4) Benzaldehyde	6.85	77	264842	21.398	ng/ul	98
6) Phenol	6.90	94	411469	19.636	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.13	93	314729	19.697	ng/ul#	87
10) 2-Chlorophenol	7.26	128	319734	19.449	ng/ul#	90
11) 2-Methylphenol	8.13	108	308734	19.157	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	508551	19.361	ng/ul#	86
14) Acetophenone	8.51	105	518636	20.331	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.50	70	273950	19.597	ng/ul#	86
16) 4-Methylphenol	8.46	108	345049	19.732	ng/ul	98
17) Hexachloroethane	8.76	117	130040	20.012	ng/ul	96
20) Nitrobenzene	8.89	77	393965	20.323	ng/ul	94
21) Isophorone	9.40	82	757370	19.526	ng/ul	98
23) 2-Nitrophenol	9.59	139	191268	19.610	ng/ul#	90
24) 2,4-Dimethylphenol	9.66	107	390503	19.998	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	450468	19.293	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	327692	19.801	ng/ul	99
28) Naphthalene	10.52	128	1071132	19.944	ng/ul	100
30) 4-Chloroaniline	10.63	127	447904	23.009	ng/ul	100
31) Hexachlorobutadiene	10.80	225	201925	20.589	ng/ul	98
32) Caprolactam	11.39	113	112475m	18.285	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	372185	19.994	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	786271	20.071	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	401375	20.373 ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	240488	19.244 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	269556	19.905 ng/ul	100
39) 2,4,5-Trichlorophenol	12.83	196	273983	19.153 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1027785	20.327 ng/ul	99
41) 2-Chloronaphthalene	13.20	162	799802	20.343 ng/ul	96
42) 2-Nitroaniline	13.41	65	256573	20.297 ng/ul	83
44) Dimethylphthalate	13.79	163	1010500	20.031 ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	216985	20.352 ng/ul	98
47) Acenaphthylene	14.05	152	1239566	20.153 ng/ul	99
48) 3-Nitroaniline	14.24	138	219893	20.923 ng/ul	94
49) Acenaphthene	14.39	153	859618	20.249 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	103552	16.511 ng/ul#	1
52) 4-Nitrophenol	14.56	109	139498	20.286 ng/ul#	85
53) Dibenzofuran	14.73	168	1212513	20.215 ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	309671	20.026 ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	244344	19.453 ng/ul	97
56) Diethylphthalate	15.16	149	1025543	20.021 ng/ul	99
58) Fluorene	15.38	166	980135	20.468 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	488167	20.525 ng/ul	93
60) 4-Nitroaniline	15.40	138	239727	19.702 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	175839	18.889 ng/ul	95
64) N-Nitrosodiphenylamine	15.59	169	849508	20.120 ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	307212	20.225 ng/ul	91
66) Hexachlorobenzene	16.39	284	333110	19.817 ng/ul	94
67) Atrazine	16.55	200	312838	20.534 ng/ul	97
68) Pentachlorophenol	16.73	266	176702	18.481 ng/ul	97
69) Phenanthrene	17.12	178	1569841	20.250 ng/ul	99
71) Anthracene	17.21	178	1598455	20.246 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	422863	20.544 ng/uL	99
73) Pentachlorobenzene	14.65	250	390947	20.305 ng/uL	99
74) Carbazole	17.49	167	1410011	21.112 ng/ul	99
75) Di-n-butylphthalate	18.06	149	1757616	19.904 ng/ul	99
76) Fluoranthene	19.14	202	1821440	22.140 ng/ul	99
79) Pyrene	19.51	202	1843667	20.184 ng/ul	98
80) Butylbenzylphthalate	20.42	149	827957	19.084 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.20	252	626114	20.743 ng/ul	100
82) Benzo(a)anthracene	21.27	228	1836873	20.259 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1212608	19.739 ng/ul	99
84) Chrysene	21.32	228	1709916	20.235 ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2087862	23.379 ng/ul#	93
87) Benzo(b)fluoranthene	22.84	252	1739213	20.782 ng/ul	99
88) Benzo(k)fluoranthene	22.89	252	1684500	21.187 ng/ul	99
90) Benzo(a)pyrene	23.42	252	1618550	20.354 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.75	276	1630034	17.733 ng/ul	96
92) Dibenzo(a,h)anthracene	25.76	278	1373819	17.858 ng/ul	97
93) Benzo(g,h,i)perylene	26.43	276	1309818	16.958 ng/ul	97

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

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