Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005998.D
Acq On : 01 Jun 2019 02:22
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02006

Quant Time: Jun 01 03:42:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	564555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	2365210	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	1190176	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	2114314	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1506029	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1789201	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	84060	6.55	ng/uL	0.00
5) Phenol-d5	6.91	99	847116	16.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	477783	16.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	681538	17.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	670596	16.60	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	326433	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	351512	24.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	657301	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	810892	18.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1658402	18.90	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2090118	19.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	255810	16.02	ng/ul	0.00
57) Fluorene-d10	15.39	176	1292958	17.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	97235	11.28	ng/ul	0.00
70) Anthracene-d10	17.25	188	1689042	18.77	ng/ul	0.00
78) Pyrene-d10	19.56	212	1558539	20.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1488146	18.64	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	86594	6.372	ng/uL	91
4) Benzaldehyde	6.88	77	576250	16.681	ng/ul	99
6) Phenol	6.94	94	866447	16.805	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.17	93	679234	17.060	ng/ul	92
10) 2-Chlorophenol	7.31	128	695006	17.936	ng/ul	95
11) 2-Methylphenol	8.18	108	657517	16.552	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	877798	16.555	ng/ul#	92
14) Acetophenone	8.56	105	1009076	16.568	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	515611	15.821	ng/ul#	86
16) 4-Methylphenol	8.51	108	710788	16.299	ng/ul	97
17) Hexachloroethane	8.81	117	261849	16.944	ng/ul	96
20) Nitrobenzene	8.94	77	756684	19.527	ng/ul	92
21) Isophorone	9.47	82	1439232	17.061	ng/ul	97
23) 2-Nitrophenol	9.65	139	373164	22.550	ng/ul	94
24) 2,4-Dimethylphenol	9.71	107	762340	18.386	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	913147	17.783	ng/ul	97
27) 2,4-Dichlorophenol	10.18	162	632969	19.153	ng/ul	99
28) Naphthalene	10.58	128	2092831	18.644	ng/ul	99
30) 4-Chloroaniline	10.69	127	819464	18.664	ng/ul	100
31) Hexachlorobutadiene	10.87	225	392811	21.389	ng/ul	98
32) Caprolactam	11.46	113	211036	16.000	ng/ul	76
33) 4-Chloro-3-methylphenol	11.83	107	668625	16.780	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	1446234	17.490	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	710442	22.351 ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	197092	10.651 ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	461806	22.079 ng/ul	97
39) 2,4,5-Trichlorophenol	12.89	196	482222	21.089 ng/ul	99
40) 1,1'-Biphenyl	13.22	154	1791455	20.294 ng/ul	99
41) 2-Chloronaphthalene	13.26	162	1355757	20.278 ng/ul	98
42) 2-Nitroaniline	13.48	65	391601	22.143 ng/ul	88
44) Dimethylphthalate	13.85	163	1633052	18.622 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	329963	21.827 ng/ul	90
47) Acenaphthylene	14.12	152	2051120	19.057 ng/ul	99
48) 3-Nitroaniline	14.31	138	344108	20.967 ng/ul#	90
49) Acenaphthene	14.46	153	1365353	18.674 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	51386	7.638 ng/ul	87
52) 4-Nitrophenol	14.62	109	194405	15.532 ng/ul	85
53) Dibenzofuran	14.80	168	1901155	18.419 ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	420607	18.666 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.03	232	352076	18.733 ng/ul	99
56) Diethylphthalate	15.22	149	1610845	17.648 ng/ul	100
58) Fluorene	15.45	166	1430869	17.651 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.45	204	729272	18.878 ng/ul	99
60) 4-Nitroaniline	15.48	138	347890	17.506 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.54	198	103627	10.934 ng/ul#	99
64) N-Nitrosodiphenylamine	15.66	169	1274581	21.623 ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	434100	22.108 ng/ul	100
66) Hexachlorobenzene	16.46	284	447138	21.194 ng/ul	96
67) Atrazine	16.62	200	425268	20.395 ng/ul	100
68) Pentachlorophenol	16.81	266	218055	17.569 ng/ul	98
69) Phenanthrene	17.19	178	1970574	18.811 ng/ul	99
71) Anthracene	17.29	178	2001515	18.819 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	705298	26.881 ng/uL	97
73) Pentachlorobenzene	14.72	250	601186	24.740 ng/uL	98
74) Carbazole	17.56	167	1779196	18.570 ng/ul	99
75) Di-n-butylphthalate	18.12	149	2430197	19.407 ng/ul	99
76) Fluoranthene	19.22	202	1994353	17.834 ng/ul	97
79) Pyrene	19.59	202	1968853	20.638 ng/ul	97
80) Butylbenzylphthalate	20.49	149	915382	21.351 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.28	252	663998	22.201 ng/ul	99
82) Benzo(a)anthracene	21.35	228	1792659	18.935 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.28	149	1243572	20.011 ng/ul	99
84) Chrysene	21.40	228	1662180	18.825 ng/ul	99
86) Di-n-octyl phthalate	22.17	149	2161802	20.478 ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	1853248	18.441 ng/ul	100
88) Benzo(k)fluoranthene	23.01	252	1728118	18.703 ng/ul	98
90) Benzo(a)pyrene	23.55	252	1765469	18.629 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.97	276	2130452	19.158 ng/ul	94
92) Dibenzo(a,h)anthracene	25.98	278	1785587	19.286 ng/ul	99
93) Benzo(g,h,i)perylene	26.68	276	1807626	19.300 ng/ul	97

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

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