Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006032.D
Acq On : 02 Jun 2019 14:43
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02009

Quant Time: Jun 03 01:09:59 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	7.72	152	515078	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.52	136	2260034	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1235504	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2433420	20.00	ng/ul	-0.02
77) Chrysene-d12	21.35	240	1580920	20.00	ng/ul	-0.02
85) Perylene-d12	23.64	264	1713496	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	85319	7.29	ng/uL	0.00
5) Phenol-d5	6.89	99	858727	18.81	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	489775	18.80	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	679330	19.53	ng/ul	-0.01
13) 4-Methylphenol-d8	8.44	113	682851	18.53	ng/ul	-0.01
19) Nitrobenzene-d5	8.88	128	335597	23.14	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	370264	27.41	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	681892	21.38	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	830468	19.86	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	1817713	19.96	ng/ul	-0.01
46) Acenaphthylene-d8	14.07	160	2348049	20.61	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.59	143	315637	19.04	ng/ul	-0.02
57) Fluorene-d10	15.38	176	1514866	19.83	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	186198	18.77	ng/ul	-0.02
70) Anthracene-d10	17.24	188	2127547	20.54	ng/ul	-0.02
78) Pyrene-d10	19.54	212	1887717	23.64	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.49	264	1565860	20.48	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	89482	7.217	ng/uL	95
4) Benzaldehyde	6.87	77	584585	18.548	ng/ul	99
6) Phenol	6.92	94	880274	18.714	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.15	93	682356	18.785	ng/ul	93
10) 2-Chlorophenol	7.29	128	692932	19.600	ng/ul	95
11) 2-Methylphenol	8.17	108	666819	18.398	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	915003	18.914	ng/ul#	93
14) Acetophenone	8.55	105	1040709	18.728	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	532556	17.911	ng/ul	87
16) 4-Methylphenol	8.50	108	728926	18.320	ng/ul	98
17) Hexachloroethane	8.79	117	255525	18.123	ng/ul	94
20) Nitrobenzene	8.92	77	778641	21.029	ng/ul	94
21) Isophorone	9.45	82	1498522	18.590	ng/ul	97
23) 2-Nitrophenol	9.64	139	391654	24.768	ng/ul	94
24) 2,4-Dimethylphenol	9.69	107	788467	19.901	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.93	93	947963	19.321	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	661887	20.960	ng/ul	99
28) Naphthalene	10.57	128	2160830	20.146	ng/ul	99
30) 4-Chloroaniline	10.68	127	846828	20.185	ng/ul	100
31) Hexachlorobutadiene	10.85	225	395783	22.554	ng/ul	98
32) Caprolactam	11.44	113	226054	17.936	ng/ul	76
33) 4-Chloro-3-methylphenol	11.81	107	727786	19.114	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	1547773	19.589	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	773248	23.434 ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	170939	8.899 ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	508032	23.398 ng/ul	97
39) 2,4,5-Trichlorophenol	12.88	196	536822	22.616 ng/ul	96
40) 1,1'-Biphenyl	13.21	154	1956878	21.355 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	1501555	21.635 ng/ul	99
42) 2-Nitroaniline	13.46	65	450266	24.526 ng/ul	88
44) Dimethylphthalate	13.84	163	1801331	19.787 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	379195	24.164 ng/ul	92
47) Acenaphthylene	14.10	152	2301136	20.596 ng/ul	99
48) 3-Nitroaniline	14.29	138	389942	22.888 ng/ul#	89
49) Acenaphthene	14.45	153	1541644	20.311 ng/ul	98
50) 2,4-Dinitrophenol	14.51	184	102764	14.715 ng/ul	89
52) 4-Nitrophenol	14.61	109	238254	18.337 ng/ul#	82
53) Dibenzofuran	14.78	168	2183014	20.374 ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	512442	21.907 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.01	232	429224	22.000 ng/ul	98
56) Diethylphthalate	15.21	149	1785282	18.841 ng/ul	99
58) Fluorene	15.44	166	1668178	19.823 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.43	204	842194	21.002 ng/ul	99
60) 4-Nitroaniline	15.46	138	413814	20.059 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.53	198	191871	17.590 ng/ul	95
64) N-Nitrosodiphenylamine	15.65	169	1507121	22.215 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	524450	23.207 ng/ul	100
66) Hexachlorobenzene	16.45	284	547120	22.532 ng/ul	95
67) Atrazine	16.60	200	518369	21.599 ng/ul	99
68) Pentachlorophenol	16.79	266	291241	20.388 ng/ul	98
69) Phenanthrene	17.18	178	2465813	20.452 ng/ul	99
71) Anthracene	17.27	178	2523781	20.618 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	787385	26.074 ng/uL	98
73) Pentachlorobenzene	14.71	250	690225	24.679 ng/uL	99
74) Carbazole	17.54	167	2212014	20.060 ng/ul	100
75) Di-n-butylphthalate	18.11	149	2891221	20.061 ng/ul	100
76) Fluoranthene	19.21	202	2433499	18.907 ng/ul	96
79) Pyrene	19.57	202	2383454	23.800 ng/ul	96
80) Butylbenzylphthalate	20.48	149	1116473	24.808 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.27	252	741781	23.627 ng/ul	98
82) Benzo(a)anthracene	21.34	228	2027247	20.399 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1547220	23.718 ng/ul#	97
84) Chrysene	21.39	228	1917715	20.690 ng/ul	100
86) Di-n-octyl phthalate	22.16	149	2529511	25.019 ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	1968005	20.449 ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	1827392	20.651 ng/ul	98
90) Benzo(a)pyrene	23.54	252	1855329	20.442 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	2171449	20.390 ng/ul	97
92) Dibenzo(a,h)anthracene	25.95	278	1827615	20.612 ng/ul	99
93) Benzo(g,h,i)perylene	26.65	276	1808643	20.164 ng/ul	97

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

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