Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002046.D
Acq On : 13 Jul 2018 22:13
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
Sohil
7/16/2018 3:31:28 PM

Quant Time: Jul 14 03:08:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 14 00:59:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	454925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2162390	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1347582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3121477	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	3140561	20.00	ng/ul	-0.01
85) Perylene-d12	23.52	264	3027742	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	76425	7.58	ng/uL	0.00
5) Phenol-d5	6.89	99	835928	19.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	521391	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	655298	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	686864	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	336963	18.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	386920	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	707544	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	947767	22.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2221326	19.45	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2761655	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	420139	19.25	ng/ul	0.00
57) Fluorene-d10	15.33	176	1923924	19.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	375159	18.45	ng/ul	0.00
70) Anthracene-d10	17.19	188	2954220	19.41	ng/ul	0.00
78) Pyrene-d10	19.48	212	3202332	19.61	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.38	264	3191011	19.52	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	78937	7.800	ng/uL#	89
4) Benzaldehyde	6.86	77	537902	21.168	ng/ul	97
6) Phenol	6.91	94	851674	19.796	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	658751	20.081	ng/ul#	87
10) 2-Chlorophenol	7.28	128	655730	19.428	ng/ul#	92
11) 2-Methylphenol	8.15	108	650394	19.656	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1108665	20.558	ng/ul#	85
14) Acetophenone	8.52	105	1073097	20.489	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.50	70	580059	20.211	ng/ul#	86
16) 4-Methylphenol	8.48	108	721087	20.084	ng/ul	99
17) Hexachloroethane	8.77	117	259230	19.431	ng/ul	100
20) Nitrobenzene	8.89	77	792945	19.230	ng/ul	96
21) Isophorone	9.42	82	1627223	19.723	ng/ul	97
23) 2-Nitrophenol	9.60	139	400116	19.286	ng/ul	90
24) 2,4-Dimethylphenol	9.67	107	814656	19.613	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.90	93	974894	19.629	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	684719	19.452	ng/ul	98
28) Naphthalene	10.53	128	2194214	19.207	ng/ul	99
30) 4-Chloroaniline	10.64	127	936829	22.625	ng/ul	99
31) Hexachlorobutadiene	10.82	225	394832	18.927	ng/ul	99
32) Caprolactam	11.40	113	266362m	20.358	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	780391	19.710	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	1628726	19.546	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	826667	18.918 ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	508011	18.328 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	573907	19.107 ng/ul	98
39) 2,4,5-Trichlorophenol	12.84	196	607714	19.154 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2162166	19.279 ng/ul	98
41) 2-Chloronaphthalene	13.20	162	1669681	19.147 ng/ul	96
42) 2-Nitroaniline	13.42	65	543136	19.372 ng/ul	87
44) Dimethylphthalate	13.80	163	2164891	19.349 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	463987	19.621 ng/ul	99
47) Acenaphthylene	14.06	152	2668097	19.558 ng/ul	100
48) 3-Nitroaniline	14.25	138	486606	20.876 ng/ul	94
49) Acenaphthene	14.40	153	1821855	19.349 ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	236856	17.028 ng/ul#	1
52) 4-Nitrophenol	14.57	109	295652	19.384 ng/ul#	75
53) Dibenzofuran	14.74	168	2597985	19.528 ng/ul	94
54) 2,4-Dinitrotoluene	14.71	165	673901	19.648 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.97	232	534347	19.180 ng/ul	96
56) Diethylphthalate	15.17	149	2234795	19.670 ng/ul	99
58) Fluorene	15.39	166	2079069	19.575 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1023195	19.396 ng/ul	92
60) 4-Nitroaniline	15.41	138	538973	19.972 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.47	198	391476	18.597 ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	1848237	19.358 ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	663129	19.307 ng/ul#	90
66) Hexachlorobenzene	16.39	284	733858	19.307 ng/ul	94
67) Atrazine	16.56	200	691004	20.058 ng/ul	98
68) Pentachlorophenol	16.74	266	402404	18.612 ng/ul	100
69) Phenanthrene	17.13	178	3408308	19.443 ng/ul	100
71) Anthracene	17.22	178	3507001	19.643 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	879715	18.901 ng/uL	99
73) Pentachlorobenzene	14.66	250	837016	19.225 ng/uL	99
74) Carbazole	17.49	167	3123068	20.680 ng/ul	98
75) Di-n-butylphthalate	18.06	149	3889361	19.478 ng/ul	100
76) Fluoranthene	19.15	202	3973517	21.359 ng/ul	98
79) Pyrene	19.52	202	4024174	19.969 ng/ul	98
80) Butylbenzylphthalate	20.42	149	1837795	19.200 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.20	252	1331472	19.994 ng/ul	100
82) Benzo(a)anthracene	21.27	228	3880756	19.400 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	2629090	19.398 ng/ul#	96
84) Chrysene	21.32	228	3612390	19.376 ng/ul	99
86) Di-n-octyl phthalate	22.09	149	4424734	22.251 ng/ul#	94
87) Benzo(b)fluoranthene	22.85	252	3696416	19.836 ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	3534855	19.967 ng/ul	100
90) Benzo(a)pyrene	23.43	252	3459316	19.537 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	3624565	17.708 ng/ul	99
92) Dibenzo(a,h)anthracene	25.77	278	3032182	17.701 ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	2980148	17.327 ng/ul	100

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

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