Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
Data File : BF112069.D
Acq On : 16 Jan 2019 16:13
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
1/17/2019 2:07:54 PM

Quant Time: Jan 16 17:10:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 16:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	285242	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1050764	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	524531	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	991386	20.00	ng	0.00
76) Chrysene-d12	14.03	240	808005	20.00	ng	0.00
87) Perylene-d12	15.50	264	656915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1240514	74.40	ng	0.00
7) Phenol-d6	6.51	99	1505540	70.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	1270189	64.61	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	457760	67.10	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2589296	71.98	ng	0.00
79) Terphenyl-d14	12.97	244	2854915	67.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	291226	39.947	ng	100
3) Pyridine	3.39	79	759279	40.182	ng	100
4) n-Nitrosodimethylamine	3.35	42	299563	31.864	ng	100
6) Aniline	6.53	93	924302	35.573	ng	100
8) 2-Chlorophenol	6.66	128	706488	38.161	ng	100
9) Benzaldehyde	6.41	77	409391	30.458	ng	100
10) Phenol	6.52	94	832051	35.624	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	667529	36.944	ng	100
12) 1,3-Dichlorobenzene	6.80	146	809013	37.694	ng	100
13) 1,4-Dichlorobenzene	6.88	146	821451	37.717	ng	100
14) 1,2-Dichlorobenzene	7.04	146	762539	36.627	ng	100
15) Benzyl Alcohol	7.00	79	573539	33.732	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	947874	30.768	ng	100
17) 2-Methylphenol	7.12	107	533643	35.864	ng	100
18) Hexachloroethane	7.37	117	281012	36.955	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	461227	33.033	ng	100
20) 3+4-Methylphenols	7.27	107	653438	35.286	ng	100
22) Acetophenone	7.27	105	933953	35.108	ng	100
24) Nitrobenzene	7.45	77	670564	33.716	ng	100
25) Isophorone	7.68	82	1126846	35.395	ng	100
26) 2-Nitrophenol	7.76	139	308913	31.545	ng	100
27) 2,4-Dimethylphenol	7.80	122	533859	37.705	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	776918	36.560	ng	100
29) 2,4-Dichlorophenol	8.01	162	593676	36.463	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	675867	37.629	ng	100
31) Naphthalene	8.17	128	1858088	37.251	ng	100
32) Benzoic acid	7.93	122	214381m	23.332	ng	
33) 4-Chloroaniline	8.22	127	824558	38.241	ng	100
34) Hexachlorobutadiene	8.29	225	377012	33.717	ng	100
35) Caprolactam	8.59	113	200835	37.755	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	569336	35.170	ng	100
37) 2-Methylnaphthalene	8.86	142	1255918	40.634	ng	100
38) 1-Methylnaphthalene	8.96	142	1212744	40.909	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	642593	38.427	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	219436	22.695	ng	100
43) 2,4,6-Trichlorophenol	9.14	196	408488	36.015	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	424792	35.747	ng	100
46) 1,1'-Biphenyl	9.32	154	1677567	38.234	ng	100
47) 2-Chloronaphthalene	9.35	162	1312588	38.117	ng	100
48) 2-Nitroaniline	9.45	65	307619	29.219	ng	100
49) Acenaphthylene	9.76	152	1912389	37.564	ng	100
50) Dimethylphthalate	9.62	163	1441819	36.591	ng	100
51) 2,6-Dinitrotoluene	9.69	165	309781	35.157	ng	100
52) Acenaphthene	9.94	154	1159689	35.334	ng	100
53) 3-Nitroaniline	9.86	138	339190	35.946	ng	100
54) 2,4-Dinitrophenol	9.96	184	61335	16.439	ng	100
55) Dibenzofuran	10.11	168	1773831	37.162	ng	100
56) 4-Nitrophenol	10.03	139	211559	31.730	ng	100
57) 2,4-Dinitrotoluene	10.09	165	369862	32.485	ng	100
58) Fluorene	10.45	166	1313830	37.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	328082	32.767	ng	100
60) Diethylphthalate	10.32	149	1414893	37.105	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	716575	36.792	ng	100
62) 4-Nitroaniline	10.47	138	333466	37.258	ng	100
63) Azobenzene	10.60	77	1362134	37.393	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	140372	22.947	ng	100
66) n-Nitrosodiphenylamine	10.56	169	1268484	38.129	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	442473	34.459	ng	100
68) Hexachlorobenzene	11.00	284	482180	33.883	ng	100
69) Atrazine	11.09	200	410254	35.098	ng	100
70) Pentachlorophenol	11.20	266	206963	25.557	ng	100
71) Phenanthrene	11.42	178	1924505	36.308	ng	100
72) Anthracene	11.47	178	1947711	36.198	ng	100
73) Carbazole	11.62	167	1933135	36.935	ng	100
74) Di-n-butylphthalate	11.95	149	2170677	35.705	ng	100
75) Fluoranthene	12.60	202	2011940	36.975	ng	100
77) Benzidine	12.72	184	866115	35.874	ng	100
78) Pyrene	12.83	202	2067327	37.185	ng	100
80) Butylbenzylphthalate	13.44	149	930321	39.581	ng	100
81) Benzo(a)anthracene	14.02	228	1767749	38.014	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	668113	38.917	ng	100
83) Chrysene	14.06	228	1679750	37.885	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1304875	42.273	ng	100
85) Di-n-octyl phthalate	14.62	149	1975725	44.726	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1318053	40.776	ng	100
88) Benzo(b)fluoranthene	15.07	252	1456270	37.059	ng	100
89) Benzo(k)fluoranthene	15.10	252	1449983	39.255	ng	100
90) Benzo(a)pyrene	15.44	252	1325389	38.359	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	1104334	39.739	ng	100
92) Benzo(g,h,i)perylene	17.44	276	1078183	39.667	ng	100

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

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