Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122978.D
Acq On : 18 Jan 2021 9:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 18 13:26:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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1/20/2021 2:15:06 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	299270	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1146350	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	565316	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	926629	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	717014	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	704886	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1450501	73.26	ng		0.00
7) Phenol-d6	6.522	99	1933149	72.65	ng		0.00
23) Nitrobenzene-d5	7.463	82	1664718	74.73	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	472742	73.95	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2764877	68.49	ng		0.00
79) Terphenyl-d14	13.016	244	2783363	71.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	354785	36.90	ng	#	84
3) Pyridine	3.451	79	975664	37.49	ng	#	84
4) n-Nitrosodimethylamine	3.410	42	416834	35.88	ng		92
6) Aniline	6.563	93	1182640	36.85	ng		98
8) 2-Chlorophenol	6.681	128	771623	36.91	ng		92
9) Benzaldehyde	6.445	77	529491	40.24	ng		96
10) Phenol	6.534	94	980382	36.69	ng		88
11) bis(2-Chloroethyl)ether	6.634	93	787609	36.40	ng		94
12) 1,3-Dichlorobenzene	6.840	146	878728	36.31	ng		97
13) 1,4-Dichlorobenzene	6.916	146	879443	36.10	ng		98
14) 1,2-Dichlorobenzene	7.069	146	819443	36.05	ng		97
15) Benzyl Alcohol	7.034	79	703802	37.52	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1328397	35.22	ng		93
17) 2-Methylphenol	7.140	107	645559	36.40	ng		99
18) Hexachloroethane	7.416	117	320731	36.42	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	574154	36.43	ng		91
20) 3+4-Methylphenols	7.298	107	812138	36.61	ng	#	83
22) Acetophenone	7.304	105	1054088	36.56	ng	#	97
24) Nitrobenzene	7.481	77	847214	37.11	ng		98
25) Isophorone	7.722	82	1448986	36.46	ng		98
26) 2-Nitrophenol	7.792	139	402142	38.99	ng		96
27) 2,4-Dimethylphenol	7.828	122	606218	36.91	ng		100
28) bis(2-Chloroethoxy)met...	7.928	93	977973	36.40	ng		98
29) 2,4-Dichlorophenol	8.034	162	635847	37.08	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	673271	36.86	ng		98
31) Naphthalene	8.204	128	2141533	36.34	ng		99
32) Benzoic acid	7.939	122	521399m	37.79	ng		
33) 4-Chloroaniline	8.245	127	939296	36.54	ng	#	95
34) Hexachlorobutadiene	8.322	225	370063	37.07	ng		98
35) Caprolactam	8.622	113	214629	36.83	ng	#	86
36) 4-Chloro-3-methylphenol	8.722	107	672399	36.87	ng		98
37) 2-Methylnaphthalene	8.898	142	1479986	36.41	ng		98
38) 1-Methylnaphthalene	8.992	142	1405862	36.62	ng		97
40) 1,2,4,5-Tetrachloroben...	9.063	216	567439	36.56	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	291586	38.68	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	443119	38.30	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	443814	37.81	ng		95
46) 1,1'-Biphenyl	9.363	154	1672219	36.37	ng		99
47) 2-Chloronaphthalene	9.386	162	1412572	36.82	ng		97
48) 2-Nitroaniline	9.475	65	494639	37.83	ng		85
49) Acenaphthylene	9.804	152	2054773	36.72	ng		99
50) Dimethylphthalate	9.657	163	1559659	35.54	ng		98
51) 2,6-Dinitrotoluene	9.716	165	355067	37.00	ng	#	81
52) Acenaphthene	9.975	154	1328486	36.73	ng		99
53) 3-Nitroaniline	9.886	138	439103	37.01	ng		90
54) 2,4-Dinitrophenol	9.986	184	148003	36.92	ng	#	76
55) Dibenzofuran	10.145	168	1824345	36.18	ng		98
56) 4-Nitrophenol	10.033	139	326661	37.36	ng		91
57) 2,4-Dinitrotoluene	10.122	165	467400	37.86	ng		96
58) Fluorene	10.492	166	1401786	35.54	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	362021m	38.64	ng		
60) Diethylphthalate	10.357	149	1535221	36.00	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	644796	36.36	ng		95
62) 4-Nitroaniline	10.498	138	436127	37.27	ng		93
63) Azobenzene	10.639	77	1544488	36.20	ng		96
65) 4,6-Dinitro-2-methylph...	10.528	198	187845	35.99	ng		77
66) n-Nitrosodiphenylamine	10.598	169	1255057	36.28	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	424778	37.49	ng		93
68) Hexachlorobenzene	11.039	284	476977	36.82	ng		97
69) Atrazine	11.122	200	338760	36.78	ng		97
70) Pentachlorophenol	11.227	266	275578	40.45	ng		99
71) Phenanthrene	11.451	178	2010764	36.21	ng		99
72) Anthracene	11.504	178	1989024	36.24	ng		100
73) Carbazole	11.657	167	1918243	36.06	ng		100
74) Di-n-butylphthalate	11.986	149	2285745	36.31	ng		99
75) Fluoranthene	12.645	202	2040779	36.33	ng		98
77) Benzidine	12.757	184	754277	39.73	ng		99
78) Pyrene	12.874	202	2089091	36.39	ng		100
80) Butylbenzylphthalate	13.492	149	987093	38.36	ng		98
81) Benzo(a)anthracene	14.063	228	1774080	36.97	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	627214	39.93	ng	#	97
83) Chrysene	14.104	228	1754253	36.25	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1284734	37.45	ng	#	99
85) Di-n-octyl phthalate	14.668	149	2178026	39.25	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.045	276	1800461	40.54	ng	#	94
88) Benzo(b)fluoranthene	15.121	252	1819193	38.24	ng		98
89) Benzo(k)fluoranthene	15.151	252	1773854	36.37	ng		98
90) Benzo(a)pyrene	15.492	252	1660849	38.64	ng	#	97
91) Dibenzo(a,h)anthracene	17.062	278	1472609	40.47	ng	#	96
92) Benzo(g,h,i)perylene	17.498	276	1424751	40.45	ng	#	95

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

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