Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123777.D
Acq On : 3 May 2021 13:14
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2021 2:57:34 PM

Quant Time: May 03 14:05:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	245898	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	887713	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	431299	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	827843	20.00	ng		0.00
76) Chrysene-d12	13.980	240	595912	20.00	ng		0.00
86) Perylene-d12	15.433	264	449055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1227469	79.08	ng		0.00
7) Phenol-d6	6.445	99	1702780	79.64	ng		0.00
23) Nitrobenzene-d5	7.375	82	1563911	79.53	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	421258	78.46	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2270588	76.67	ng		0.00
79) Terphenyl-d14	12.921	244	2484657	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	343236	41.05	ng		97
3) Pyridine	3.251	79	842613	41.23	ng		96
4) n-Nitrosodimethylamine	3.210	42	481700	42.79	ng		98
6) Aniline	6.475	93	986143	39.88	ng		99
8) 2-Chlorophenol	6.598	128	665375	39.85	ng		98
9) Benzaldehyde	6.357	77	399822	38.63	ng		99
10) Phenol	6.457	94	919394	40.03	ng		92
11) bis(2-Chloroethyl)ether	6.545	93	646372	38.55	ng		97
12) 1,3-Dichlorobenzene	6.751	146	665316	39.44	ng		96
13) 1,4-Dichlorobenzene	6.828	146	684555	40.11	ng		97
14) 1,2-Dichlorobenzene	6.981	146	628481	37.92	ng		97
15) Benzyl Alcohol	6.951	79	666167	39.75	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	1403705	39.36	ng		100
17) 2-Methylphenol	7.069	107	562670	39.55	ng		97
18) Hexachloroethane	7.322	117	267383	39.58	ng		99
19) n-Nitroso-di-n-propyla...	7.228	70	514045	38.94	ng		97
20) 3+4-Methylphenols	7.222	107	678797	37.49	ng	#	80
22) Acetophenone	7.222	105	946481	39.22	ng	#	92
24) Nitrobenzene	7.392	77	822572	40.16	ng		95
25) Isophorone	7.633	82	1425168	38.65	ng		99
26) 2-Nitrophenol	7.710	139	333174	39.86	ng		98
27) 2,4-Dimethylphenol	7.751	122	522940	39.82	ng		94
28) bis(2-Chloroethoxy)met...	7.845	93	728522	38.77	ng		99
29) 2,4-Dichlorophenol	7.957	162	510419	39.44	ng		98
30) 1,2,4-Trichlorobenzene	8.033	180	528156	38.94	ng		98
31) Naphthalene	8.116	128	1799499	39.36	ng		99
32) Benzoic acid	7.875	122	281270m	33.08	ng		
33) 4-Chloroaniline	8.163	127	738137	38.70	ng		100
34) Hexachlorobutadiene	8.239	225	326535	39.51	ng		99
35) Caprolactam	8.539	113	180933	39.82	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	638912	39.57	ng		94
37) 2-Methylnaphthalene	8.810	142	1170727	39.30	ng		99
38) 1-Methylnaphthalene	8.904	142	1088289	38.87	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	501179	39.48	ng		98
41) Hexachlorocyclopentadiene	8.963	237	201792	38.26	ng		97
43) 2,4,6-Trichlorophenol	9.086	196	344022	39.35	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	376409	40.13	ng		97
46) 1,1'-Biphenyl	9.275	154	1367905	38.71	ng		100
47) 2-Chloronaphthalene	9.298	162	1049888	39.41	ng		99
48) 2-Nitroaniline	9.392	65	478741	40.79	ng		95
49) Acenaphthylene	9.710	152	1685522	39.19	ng		99
50) Dimethylphthalate	9.575	163	1168673	38.47	ng		100
51) 2,6-Dinitrotoluene	9.633	165	280144	39.89	ng		99
52) Acenaphthene	9.886	154	1093480	41.73	ng		99
53) 3-Nitroaniline	9.804	138	331877	39.57	ng		98
54) 2,4-Dinitrophenol	9.910	184	133848	35.88	ng		88
55) Dibenzofuran	10.057	168	1549834	39.11	ng		99
56) 4-Nitrophenol	9.969	139	245971	40.26	ng		99
57) 2,4-Dinitrotoluene	10.039	165	377388	39.41	ng	#	96
58) Fluorene	10.398	166	1186655	38.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	291832	39.29	ng		97
60) Diethylphthalate	10.274	149	1235819	38.22	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	540110	38.06	ng		96
62) 4-Nitroaniline	10.416	138	333890	40.17	ng		94
63) Azobenzene	10.551	77	1432541	38.54	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	204194	39.81	ng		98
66) n-Nitrosodiphenylamine	10.510	169	1067031	39.40	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	346356	39.73	ng		98
68) Hexachlorobenzene	10.951	284	392137	39.52	ng	#	89
69) Atrazine	11.039	200	310236	37.89	ng		98
70) Pentachlorophenol	11.139	266	189416	37.45	ng		97
71) Phenanthrene	11.363	178	1685273	38.81	ng		99
72) Anthracene	11.410	178	1695894	39.28	ng		99
73) Carbazole	11.569	167	1727388	39.59	ng		98
74) Di-n-butylphthalate	11.898	149	1842929	37.62	ng		99
75) Fluoranthene	12.551	202	1833381	38.71	ng		99
77) Benzidine	12.668	184	737150	47.77	ng		99
78) Pyrene	12.780	202	1890310	40.87	ng		99
80) Butylbenzylphthalate	13.398	149	774009	39.17	ng		100
81) Benzo(a)anthracene	13.968	228	1435540	39.75	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	444003	40.04	ng		99
83) Chrysene	14.004	228	1455166	40.05	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	922510	37.58	ng		98
85) Di-n-octyl phthalate	14.574	149	1408437	35.88	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	1139933	43.59	ng		99
88) Benzo(b)fluoranthene	15.009	252	1236270m	40.85	ng		
89) Benzo(k)fluoranthene	15.039	252	1126032	38.99	ng		97
90) Benzo(a)pyrene	15.374	252	1046377	40.44	ng		97
91) Dibenzo(a,h)anthracene	16.892	278	927269	41.99	ng		99
92) Benzo(g,h,i)perylene	17.315	276	963859	43.58	ng		97

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

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