Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129410.D
Acq On : 28 Jul 2022 15:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 02:08:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	237073	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	892068	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	464161	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	785029	20.000	ng		0.00
76) Chrysene-d12	14.068	240	527759	20.000	ng		0.00
86) Perylene-d12	15.556	264	422064	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1136061	78.062	ng		0.01
7) Phenol-d6	6.528	99	1439188	78.676	ng		0.01
23) Nitrobenzene-d5	7.457	82	1313695	80.389	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	360288	80.736	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2215978	73.854	ng		0.00
79) Terphenyl-d14	13.004	244	2224675	79.525	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	256397	39.048	ng		90
3) Pyridine	3.457	79	695433	38.138	ng		91
4) n-Nitrosodimethylamine	3.416	42	318192	39.738	ng		90
6) Aniline	6.557	93	851057	37.424	ng		100
8) 2-Chlorophenol	6.675	128	620589	39.031	ng		99
9) Benzaldehyde	6.439	77	447722	36.041	ng		99
10) Phenol	6.539	94	772537m	39.658	ng		
11) bis(2-Chloroethyl)ether	6.622	93	602624	39.008	ng		94
12) 1,3-Dichlorobenzene	6.828	146	672275	39.424	ng		97
13) 1,4-Dichlorobenzene	6.904	146	681730	39.310	ng		100
14) 1,2-Dichlorobenzene	7.057	146	619507	38.863	ng		98
15) Benzyl Alcohol	7.033	79	533630	40.223	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	852291	36.702	ng		88
17) 2-Methylphenol	7.145	107	512130	38.826	ng		97
18) Hexachloroethane	7.398	117	256202	39.234	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	422276	38.132	ng		92
20) 3+4-Methylphenols	7.298	107	617678	36.830	ng	#	79
22) Acetophenone	7.298	105	808854	38.945	ng	#	92
24) Nitrobenzene	7.475	77	666778	39.623	ng		96
25) Isophorone	7.710	82	1141626	38.973	ng		99
26) 2-Nitrophenol	7.786	139	338769	40.807	ng		95
27) 2,4-Dimethylphenol	7.822	122	498247m	40.011	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	654603	38.523	ng		99
29) 2,4-Dichlorophenol	8.028	162	513147	39.925	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	527159	39.625	ng		97
31) Naphthalene	8.192	128	1778447	39.240	ng		99
32) Benzoic acid	7.945	122	269003	29.881	ng		97
33) 4-Chloroaniline	8.245	127	724403	38.931	ng		97
34) Hexachlorobutadiene	8.304	225	308176	40.752	ng		99
35) Caprolactam	8.627	113	166369	39.814	ng	#	79
36) 4-Chloro-3-methylphenol	8.727	107	547026	40.128	ng		96
37) 2-Methylnaphthalene	8.880	142	1157947	39.315	ng		99
38) 1-Methylnaphthalene	8.980	142	1127844	39.667	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	491136	40.297	ng		99
41) Hexachlorocyclopentadiene	9.033	237	217868	40.144	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	353868	39.975	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	385957	40.093	ng	#	92
46)	1,1'-Biphenyl	9.351	154	1344425	39.689	ng		99
47)	2-Chloronaphthalene	9.374	162	1082475	39.529	ng		100
48)	2-Nitroaniline	9.474	65	369715	40.602	ng		94
49)	Acenaphthylene	9.792	152	1645393	39.543	ng		100
50)	Dimethylphthalate	9.651	163	1256374	39.210	ng		100
51)	2,6-Dinitrotoluene	9.716	165	287100	40.032	ng		96
52)	Acenaphthene	9.963	154	1070773m	39.399	ng		
53)	3-Nitroaniline	9.892	138	324148	38.276	ng	#	92
54)	2,4-Dinitrophenol	9.992	184	140340	38.332	ng		95
55)	Dibenzofuran	10.139	168	1480056	39.506	ng		98
56)	4-Nitrophenol	10.051	139	229698	36.765	ng		93
57)	2,4-Dinitrotoluene	10.121	165	378912	40.444	ng		97
58)	Fluorene	10.480	166	1179222	39.339	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.257	232	294137	39.538	ng		91
60)	Diethylphthalate	10.351	149	1211301	39.106	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	516523	39.085	ng		91
62)	4-Nitroaniline	10.510	138	330357	39.323	ng		97
63)	Azobenzene	10.627	77	1222854	38.706	ng		95
65)	4,6-Dinitro-2-methylph...	10.533	198	202350	40.838	ng		88
66)	n-Nitrosodiphenylamine	10.592	169	1010009	38.633	ng		97
67)	4-Bromophenyl-phenylether	10.957	248	342749	39.872	ng		89
68)	Hexachlorobenzene	11.027	284	373731	40.124	ng		99
69)	Atrazine	11.116	200	308451	38.844	ng		95
70)	Pentachlorophenol	11.221	266	176185	34.795	ng		99
71)	Phenanthrene	11.445	178	1665315	38.861	ng		99
72)	Anthracene	11.498	178	1650809	39.201	ng		100
73)	Carbazole	11.657	167	1537303	38.780	ng		99
74)	Di-n-butylphthalate	11.974	149	1812731	38.398	ng		99
75)	Fluoranthene	12.639	202	1713751	39.470	ng		99
77)	Benzidine	12.757	184	658862	35.338	ng		100
78)	Pyrene	12.868	202	1754522	39.756	ng		99
80)	Butylbenzylphthalate	13.474	149	769177	40.182	ng		99
81)	Benzo(a)anthracene	14.057	228	1434077	39.779	ng		99
82)	3,3'-Dichlorobenzidine	14.015	252	454591	38.191	ng	#	97
83)	Chrysene	14.092	228	1347567	39.661	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.027	149	986040	39.126	ng		100
85)	Di-n-octyl phthalate	14.645	149	1452684	40.057	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.074	276	1116745	39.291	ng		100
88)	Benzo(b)fluoranthene	15.115	252	1168462	41.736	ng		99
89)	Benzo(k)fluoranthene	15.151	252	1057752	38.553	ng		99
90)	Benzo(a)pyrene	15.492	252	903406	39.750	ng		98
91)	Dibenzo(a,h)anthracene	17.086	278	906791	39.199	ng		98
92)	Benzo(g,h,i)perylene	17.533	276	933762	39.502	ng		99

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

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