Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
Data File : BF132860.D
Acq On : 11 Apr 2023 20:54
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 04:08:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 12 03:34:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	221049	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	847249	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	423860	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	767176	20.000	ng		0.00
76) Chrysene-d12	13.921	240	510427	20.000	ng		0.00
86) Perylene-d12	15.345	264	413968	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1145215	80.486	ng		0.00
7) Phenol-d6	6.398	99	1451898	79.116	ng		0.00
23) Nitrobenzene-d5	7.340	82	1295145	79.102	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	338622	89.893	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	2090609	78.026	ng		0.00
79) Terphenyl-d14	12.874	244	2358174	80.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	56	5.845	ng	#	100
3) Pyridine	3.181	79	788253	40.363	ng		98
4) n-Nitrosodimethylamine	3.134	42	375260	39.776	ng		97
6) Aniline	6.434	93	951837	40.127	ng		100
8) 2-Chlorophenol	6.551	128	570067	39.832	ng		99
9) Benzaldehyde	6.316	77	396917	40.105	ng		97
10) Phenol	6.410	94	832284m	40.279	ng		
11) bis(2-Chloroethyl)ether	6.510	93	591820	38.634	ng		98
12) 1,3-Dichlorobenzene	6.710	146	611976	38.753	ng		100
13) 1,4-Dichlorobenzene	6.787	146	612905	38.505	ng		100
14) 1,2-Dichlorobenzene	6.945	146	578421	38.694	ng		99
15) Benzyl Alcohol	6.910	79	502814	42.142	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	984659	38.499	ng		99
17) 2-Methylphenol	7.022	107	519490	39.808	ng		99
18) Hexachloroethane	7.287	117	210868	38.482	ng		98
19) n-Nitroso-di-n-propyla...	7.192	70	424912	40.669	ng		97
20) 3+4-Methylphenols	7.181	107	623604	39.985	ng		93
22) Acetophenone	7.181	105	775902	38.643	ng	#	90
24) Nitrobenzene	7.357	77	662826	39.953	ng		100
25) Isophorone	7.592	82	1172349	40.158	ng		97
26) 2-Nitrophenol	7.669	139	255021	43.092	ng		99
27) 2,4-Dimethylphenol	7.710	122	499037	41.738	ng		100
28) bis(2-Chloroethoxy)met...	7.810	93	687177	39.668	ng		99
29) 2,4-Dichlorophenol	7.910	162	468471	41.275	ng		100
30) 1,2,4-Trichlorobenzene	7.998	180	493551	39.384	ng		99
31) Naphthalene	8.081	128	1682512	38.915	ng		100
32) Benzoic acid	7.822	122	235862m	43.301	ng		
33) 4-Chloroaniline	8.128	127	697788	40.628	ng		99
34) Hexachlorobutadiene	8.198	225	271146	39.746	ng		98
35) Caprolactam	8.504	113	146325	44.858	ng		93
36) 4-Chloro-3-methylphenol	8.604	107	506819	41.857	ng		97
37) 2-Methylnaphthalene	8.769	142	1127815	39.005	ng		100
38) 1-Methylnaphthalene	8.869	142	1055638	39.143	ng		98
40) 1,2,4,5-Tetrachloroben...	8.934	216	458848	38.779	ng		99
41) Hexachlorocyclopentadiene	8.922	237	234910	36.879	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	299247	41.168	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	352503	41.062	ng		95
46) 1,1'-Biphenyl	9.234	154	1304618	38.189	ng		100
47) 2-Chloronaphthalene	9.257	162	977335	39.081	ng		99
48) 2-Nitroaniline	9.345	65	310338	42.093	ng		99
49) Acenaphthylene	9.669	152	1600505	39.590	ng		99
50) Dimethylphthalate	9.534	163	1135571	41.489	ng		100
51) 2,6-Dinitrotoluene	9.592	165	262711	42.073	ng		96
52) Acenaphthene	9.845	154	1021926	39.340	ng		99
53) 3-Nitroaniline	9.757	138	313758	43.435	ng		89
54) 2,4-Dinitrophenol	9.857	184	106384	40.309	ng		94
55) Dibenzofuran	10.016	168	1445580	39.260	ng		99
56) 4-Nitrophenol	9.910	139	247244	43.424	ng		97
57) 2,4-Dinitrotoluene	9.992	165	336788	43.413	ng		97
58) Fluorene	10.357	166	1055627	38.868	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	275028	42.067	ng		99
60) Diethylphthalate	10.233	149	1037676	44.605	ng		100
61) 4-Chlorophenyl-phenyle...	10.345	204	513957	39.776	ng		95
62) 4-Nitroaniline	10.369	138	309135	44.806	ng		95
63) Azobenzene	10.510	77	1200134	39.602	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	145304	40.351	ng		98
66) n-Nitrosodiphenylamine	10.469	169	948566	40.520	ng		97
67) 4-Bromophenyl-phenylether	10.833	248	326951	40.150	ng	#	92
68) Hexachlorobenzene	10.904	284	342808	40.662	ng		93
69) Atrazine	10.992	200	261803	45.617	ng		98
70) Pentachlorophenol	11.092	266	239093	43.059	ng		99
71) Phenanthrene	11.316	178	1609034	38.240	ng		100
72) Anthracene	11.363	178	1686466	39.205	ng		100
73) Carbazole	11.516	167	1492069	39.649	ng		100
74) Di-n-butylphthalate	11.857	149	1375859	45.364	ng		99
75) Fluoranthene	12.498	202	1701950	40.401	ng		99
77) Benzidine	12.622	184	219950	50.350	ng	#	91
78) Pyrene	12.727	202	1733734	39.764	ng		100
80) Butylbenzylphthalate	13.351	149	204666	58.017	ng		87
81) Benzo(a)anthracene	13.910	228	1413167	40.252	ng		100
82) 3,3'-Dichlorobenzidine	13.880	252	288809	42.778	ng		98
83) Chrysene	13.951	228	1349918	39.060	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	310115	58.093	ng	#	98
85) Di-n-octyl phthalate	14.527	149	420654	55.371	ng	#	83
87) Indeno(1,2,3-cd)pyrene	16.745	276	1055052	39.499	ng		99
88) Benzo(b)fluoranthene	14.939	252	1023682	38.316	ng		100
89) Benzo(k)fluoranthene	14.968	252	1066285	38.854	ng		99
90) Benzo(a)pyrene	15.292	252	955471	39.873	ng		100
91) Dibenzo(a,h)anthracene	16.768	278	884184	40.210	ng		98
92) Benzo(g,h,i)perylene	17.168	276	897384	39.767	ng		98

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

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