Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
Data File : BF132888.D
Acq On : 17 Apr 2023 14:32
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 04:42:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:30:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	305763	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1158734	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	587185	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1006291	20.000	ng	0.00
76) Chrysene-d12	13.927	240	673053	20.000	ng	0.00
86) Perylene-d12	15.351	264	679329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1569702	80.274	ng	0.00
7) Phenol-d6	6.398	99	1988529	79.694	ng	0.00
23) Nitrobenzene-d5	7.333	82	1826945	82.184	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	499633	84.835	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2969639	77.693	ng	0.00
79) Terphenyl-d14	12.874	244	3186614	80.775	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.451	88	387082	40.568	ng	100
3) Pyridine	3.157	79	1066257	40.860	ng	100
4) n-Nitrosodimethylamine	3.116	42	506421	40.842	ng	100
6) Aniline	6.434	93	1353457	40.902	ng	100
8) 2-Chlorophenol	6.551	128	802029	40.430	ng	100
9) Benzaldehyde	6.316	77	555135	37.602	ng	100
10) Phenol	6.410	94	1122551	39.999	ng	100
11) bis(2-Chloroethyl)ether	6.504	93	854649	40.336	ng	100
12) 1,3-Dichlorobenzene	6.710	146	877136	40.227	ng	100
13) 1,4-Dichlorobenzene	6.786	146	865211	39.601	ng	100
14) 1,2-Dichlorobenzene	6.939	146	803258	39.376	ng	100
15) Benzyl Alcohol	6.910	79	718608	42.023	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1483750	40.470	ng	100
17) 2-Methylphenol	7.016	107	735321	40.470	ng	100
18) Hexachloroethane	7.281	117	307548	40.561	ng	100
19) n-Nitroso-di-n-propyla...	7.192	70	622582	39.974	ng	100
20) 3+4-Methylphenols	7.175	107	857263	39.918	ng	100
22) Acetophenone	7.181	105	1076647	39.608	ng	100
24) Nitrobenzene	7.351	77	938416	41.185	ng	100
25) Isophorone	7.592	82	1707632	40.498	ng	100
26) 2-Nitrophenol	7.669	139	374378	43.555	ng	100
27) 2,4-Dimethylphenol	7.710	122	715411	40.801	ng	100
28) bis(2-Chloroethoxy)met...	7.804	93	1021135	40.504	ng	100
29) 2,4-Dichlorophenol	7.910	162	669717	41.036	ng	100
30) 1,2,4-Trichlorobenzene	7.992	180	718601	40.779	ng	100
31) Naphthalene	8.075	128	2344210	40.034	ng	100
32) Benzoic acid	7.828	122	373540m	42.704	ng	
33) 4-Chloroaniline	8.122	127	985265	41.082	ng	100
34) Hexachlorobutadiene	8.198	225	411995	40.868	ng	100
35) Caprolactam	8.504	113	210230	43.256	ng	100
36) 4-Chloro-3-methylphenol	8.598	107	712914	41.618	ng	100
37) 2-Methylnaphthalene	8.763	142	1614130	40.050	ng	100
38) 1-Methylnaphthalene	8.863	142	1515529	40.357	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	672817	40.511	ng	100
41) Hexachlorocyclopentadiene	8.922	237	376788	43.042	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	439460	41.741	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.075	196	515708	41.890	ng	100
46)	1,1'-Biphenyl	9.233	154	1855831	39.869	ng	100
47)	2-Chloronaphthalene	9.257	162	1392275	40.418	ng	100
48)	2-Nitroaniline	9.345	65	440247	44.179	ng	100
49)	Acenaphthylene	9.669	152	2229305	40.576	ng	100
50)	Dimethylphthalate	9.533	163	1642620	40.463	ng	100
51)	2,6-Dinitrotoluene	9.592	165	377199	42.379	ng	100
52)	Acenaphthene	9.845	154	1434190	40.509	ng	100
53)	3-Nitroaniline	9.757	138	431568	42.609	ng	100
54)	2,4-Dinitrophenol	9.857	184	148655	42.874	ng	100
55)	Dibenzofuran	10.010	168	2023627	40.287	ng	100
56)	4-Nitrophenol	9.910	139	324654	43.151	ng	100
57)	2,4-Dinitrotoluene	9.992	165	475023	43.243	ng	100
58)	Fluorene	10.357	166	1448346	39.362	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.127	232	401340	42.005	ng	100
60)	Diethylphthalate	10.233	149	1549150	40.837	ng	100
61)	4-Chlorophenyl-phenyle...	10.351	204	746242	39.873	ng	100
62)	4-Nitroaniline	10.374	138	417010	42.836	ng	100
63)	Azobenzene	10.510	77	1715399	40.482	ng	100
65)	4,6-Dinitro-2-methylph...	10.398	198	206687	42.888	ng	100
66)	n-Nitrosodiphenylamine	10.469	169	1339403	40.869	ng	100
67)	4-Bromophenyl-phenylether	10.839	248	476913	41.504	ng	100
68)	Hexachlorobenzene	10.904	284	496272	41.629	ng	100
69)	Atrazine	10.992	200	385415	42.074	ng	100
70)	Pentachlorophenol	11.092	266	333901	43.404	ng	100
71)	Phenanthrene	11.316	178	2157733	39.864	ng	100
72)	Anthracene	11.363	178	2247725	40.566	ng	100
73)	Carbazole	11.516	167	1969151	41.072	ng	100
74)	Di-n-butylphthalate	11.857	149	2199109	42.788	ng	100
75)	Fluoranthene	12.498	202	2201520	40.900	ng	100
77)	Benzidine	12.621	184	481982	45.971	ng	100
78)	Pyrene	12.727	202	2256723	41.005	ng	100
80)	Butylbenzylphthalate	13.351	149	499237	38.704	ng	100
81)	Benzo(a)anthracene	13.915	228	1886009	41.204	ng	100
82)	3,3'-Dichlorobenzidine	13.880	252	495514	44.753	ng	100
83)	Chrysene	13.951	228	1871170	41.129	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.921	149	781993	44.920	ng	100
85)	Di-n-octyl phthalate	14.533	149	1442488	39.436	ng	100
87)	Indeno(1,2,3-cd)pyrene	16.751	276	1575618	40.591	ng	100
88)	Benzo(b)fluoranthene	14.945	252	1693598	40.023	ng	100
89)	Benzo(k)fluoranthene	14.974	252	1805374	42.829	ng	100
90)	Benzo(a)pyrene	15.298	252	1644190	42.530	ng	100
91)	Dibenzo(a,h)anthracene	16.768	278	1347175	40.731	ng	100
92)	Benzo(g,h,i)perylene	17.174	276	1250919	39.501	ng	100

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

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