Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
Data File : BF132976.D
Acq On : 21 Apr 2023 18:59
Operator : CG\JU
Sample : PB152302BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB152302BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 04:29:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.751	152	209426	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	861238	20.000	ng		0.00
39) Acenaphthene-d10	9.792	164	438626	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	765694	20.000	ng		0.00
76) Chrysene-d12	13.910	240	487620	20.000	ng		0.00
86) Perylene-d12	15.327	264	454283	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1233305	88.959	ng		0.02
7) Phenol-d6	6.386	99	1511439	87.835	ng		0.00
23) Nitrobenzene-d5	7.322	82	1358252	85.126	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	392279	88.928	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	2193473	83.663	ng		0.00
79) Terphenyl-d14	12.863	244	2508280	88.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	249959	38.871	ng		99
3) Pyridine	3.269	79	649954	38.055	ng		99
4) n-Nitrosodimethylamine	3.234	42	390632	44.157	ng		99
6) Aniline	6.410	93	788398	35.573	ng		98
8) 2-Chlorophenol	6.534	128	670227	47.614	ng		98
9) Benzaldehyde	6.292	77	385976	55.284	ng		97
10) Phenol	6.398	94	856525	45.120	ng		96
11) bis(2-Chloroethyl)ether	6.486	93	665497	46.717	ng		99
12) 1,3-Dichlorobenzene	6.692	146	686205	45.852	ng		100
13) 1,4-Dichlorobenzene	6.769	146	695291	46.357	ng		99
14) 1,2-Dichlorobenzene	6.922	146	663739	48.000	ng		98
15) Benzyl Alcohol	6.898	79	561673	47.253	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1134437	45.850	ng		99
17) 2-Methylphenol	7.010	107	555427	43.092	ng		99
18) Hexachloroethane	7.263	117	246679	47.306	ng		94
19) n-Nitroso-di-n-propyla...	7.175	70	469415	43.818	ng		99
20) 3+4-Methylphenols	7.169	107	640667	42.207	ng		94
22) Acetophenone	7.163	105	875801	43.899	ng	#	94
24) Nitrobenzene	7.339	77	690717	42.720	ng		98
25) Isophorone	7.581	82	1302077	42.981	ng		99
26) 2-Nitrophenol	7.651	139	366681	47.020	ng		99
27) 2,4-Dimethylphenol	7.698	122	606792	45.377	ng		98
28) bis(2-Chloroethoxy)met...	7.792	93	769440	42.933	ng		100
29) 2,4-Dichlorophenol	7.898	162	534765	43.929	ng		97
30) 1,2,4-Trichlorobenzene	7.981	180	563928	44.716	ng		99
31) Naphthalene	8.063	128	1817805	42.216	ng		100
32) Benzoic acid	7.833	122	426577	51.644	ng		98
33) 4-Chloroaniline	8.104	127	174034	10.003	ng		98
34) Hexachlorobutadiene	8.181	225	304403	43.549	ng		98
35) Caprolactam	8.492	113	193991m	47.437	ng		
36) 4-Chloro-3-methylphenol	8.592	107	582688	44.387	ng		97
37) 2-Methylnaphthalene	8.751	142	1191673	40.480	ng		100
38) 1-Methylnaphthalene	8.851	142	1133326	41.153	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	486474	41.250	ng		99
41) Hexachlorocyclopentadiene	8.910	237	628989	91.450	ng		99
43) 2,4,6-Trichlorophenol	9.027	196	364864	44.736	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.069	196	382948	40.598	ng	99
46)	1,1'-Biphenyl	9.216	154	1442867	41.484	ng	100
47)	2-Chloronaphthalene	9.239	162	1089884	42.812	ng	100
48)	2-Nitroaniline	9.333	65	364680	43.344	ng	94
49)	Acenaphthylene	9.651	152	1719507	42.272	ng	99
50)	Dimethylphthalate	9.522	163	1298202	42.446	ng	99
51)	2,6-Dinitrotoluene	9.575	165	308469	44.811	ng	97
52)	Acenaphthene	9.827	154	1272770	46.718	ng	100
53)	3-Nitroaniline	9.739	138	227895	27.843	ng	97
54)	2,4-Dinitrophenol	9.851	184	361078	104.354	ng	97
55)	Dibenzofuran	9.998	168	1532370	41.234	ng	97
56)	4-Nitrophenol	9.910	139	566924	89.429	ng	90
57)	2,4-Dinitrotoluene	9.980	165	405799	46.225	ng	97
58)	Fluorene	10.339	166	1099158	40.370	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.116	232	324015	44.308	ng	99
60)	Diethylphthalate	10.222	149	1241623	42.979	ng	99
61)	4-Chlorophenyl-phenyle...	10.333	204	534831	40.309	ng	100
62)	4-Nitroaniline	10.363	138	333502	44.332	ng	97
63)	Azobenzene	10.492	77	1284868	41.985	ng	99
65)	4,6-Dinitro-2-methylph...	10.386	198	237937	51.268	ng	79
66)	n-Nitrosodiphenylamine	10.451	169	1058042	42.599	ng	99
67)	4-Bromophenyl-phenylether	10.822	248	361384	43.517	ng	99
68)	Hexachlorobenzene	10.886	284	389192	45.737	ng	100
69)	Atrazine	10.980	200	367835	51.397	ng	99
70)	Pentachlorophenol	11.080	266	491854	81.159	ng	98
71)	Phenanthrene	11.298	178	1714419	41.659	ng	99
72)	Anthracene	11.351	178	1780121	42.267	ng	99
73)	Carbazole	11.504	167	1621720	43.244	ng	99
74)	Di-n-butylphthalate	11.839	149	1945112	45.833	ng	100
75)	Fluoranthene	12.480	202	1779426	43.083	ng	100
77)	Benzidine	12.604	184	863641	104.736	ng	95
78)	Pyrene	12.710	202	1838298	43.978	ng	98
80)	Butylbenzylphthalate	13.339	149	740686	50.045	ng	99
81)	Benzo(a)anthracene	13.898	228	1468742	43.801	ng	99
82)	3,3'-Dichlorobenzidine	13.862	252	372242	40.185	ng	99
83)	Chrysene	13.939	228	1443879	43.070	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.904	149	902289	48.570	ng	100
85)	Di-n-octyl phthalate	14.509	149	1729740	57.104	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.715	276	1234735	47.783	ng	100
88)	Benzo(b)fluoranthene	14.927	252	1374255	47.550	ng	100
89)	Benzo(k)fluoranthene	14.957	252	1278060	44.611	ng	99
90)	Benzo(a)pyrene	15.274	252	1116313	42.436	ng	99
91)	Dibenzo(a,h)anthracene	16.733	278	1030222	47.801	ng	99
92)	Benzo(g,h,i)perylene	17.139	276	1009300	47.435	ng	99

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

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