Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129602.D
Acq On : 05 Aug 2022 15:34
Operator : CG\JU
Sample : N3961-10MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 16:34:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RVE-177MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
08/08/2022
Supervised By :Jagrut Upadhyay
08/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	192415	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	770048	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	404772	20.000	ng		0.00
64) Phenanthrene-d10	11.381	188	656301	20.000	ng	#	0.00
76) Chrysene-d12	14.027	240	340220	20.000	ng		0.00
86) Perylene-d12	15.498	264	321708	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1390714	117.739	ng		0.02
7) Phenol-d6	6.504	99	1766486	118.981	ng		0.00
23) Nitrobenzene-d5	7.422	82	1142140	80.966	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	489420	125.764	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	2065306	78.931	ng		0.00
79) Terphenyl-d14	12.963	244	1984439	110.041	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	219975	41.276	ng		89
3) Pyridine	3.493	79	603402	40.771	ng		94
4) n-Nitrosodimethylamine	3.452	42	304572	46.865	ng		94
6) Aniline	6.522	93	547354	29.656	ng	#	8
8) 2-Chlorophenol	6.646	128	659864	51.134	ng		97
9) Benzaldehyde	6.404	77	462832	45.905	ng		97
10) Phenol	6.516	94	766082m	48.454	ng		
11) bis(2-Chloroethyl)ether	6.587	93	632730	50.462	ng		94
12) 1,3-Dichlorobenzene	6.793	146	675967	48.841	ng		97
13) 1,4-Dichlorobenzene	6.869	146	685292	48.686	ng		99
14) 1,2-Dichlorobenzene	7.022	146	651731	50.374	ng		99
15) Benzyl Alcohol	7.004	79	574591	53.362	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	827037	43.880	ng		50
17) 2-Methylphenol	7.122	107	520140	48.586	ng	#	88
18) Hexachloroethane	7.357	117	265280	50.052	ng	#	88
19) n-Nitroso-di-n-propyla...	7.269	70	447006	49.733	ng		92
20) 3+4-Methylphenols	7.275	107	646852	47.521	ng	#	89
22) Acetophenone	7.263	105	904569	50.455	ng		99
24) Nitrobenzene	7.440	77	681226	46.896	ng		97
25) Isophorone	7.681	82	1261343	49.884	ng		98
26) 2-Nitrophenol	7.751	139	360240	50.270	ng		97
27) 2,4-Dimethylphenol	7.798	122	589826m	54.871	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	785381	53.543	ng		99
29) 2,4-Dichlorophenol	8.004	162	539324	48.610	ng		97
30) 1,2,4-Trichlorobenzene	8.075	180	546429	47.582	ng		96
31) Naphthalene	8.157	128	1835073	46.905	ng		99
32) Benzoic acid	7.940	122	251081	32.310	ng		99
33) 4-Chloroaniline	8.204	127	266520	16.593	ng		97
34) Hexachlorobutadiene	8.269	225	327163	50.118	ng		98
35) Caprolactam	8.604	113	176338m	48.887	ng		
36) 4-Chloro-3-methylphenol	8.710	107	599282	50.927	ng		97
37) 2-Methylnaphthalene	8.851	142	1210303	47.604	ng		99
38) 1-Methylnaphthalene	8.951	142	1154560	47.042	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	532004	50.055	ng		98
41) Hexachlorocyclopentadiene	8.998	237	544964	115.148	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	359598	46.583	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.181	196	380388	45.312	ng	#	95
46)	1,1'-Biphenyl	9.316	154	1467959	49.694	ng		98
47)	2-Chloronaphthalene	9.339	162	1143371	47.879	ng		99
48)	2-Nitroaniline	9.445	65	367733	46.309	ng		85
49)	Acenaphthylene	9.757	152	1701871	46.902	ng		100
50)	Dimethylphthalate	9.616	163	1354422	48.471	ng		99
51)	2,6-Dinitrotoluene	9.687	165	300273	48.012	ng		95
52)	Acenaphthene	9.928	154	1202980m	50.759	ng		
53)	3-Nitroaniline	9.857	138	177849	24.082	ng	#	88
54)	2,4-Dinitrophenol	9.969	184	249112	78.025	ng		90
55)	Dibenzofuran	10.104	168	1524741	46.670	ng		97
56)	4-Nitrophenol	10.039	139	384361	70.546	ng		92
57)	2,4-Dinitrotoluene	10.092	165	381585	46.705	ng		98
58)	Fluorene	10.445	166	1241582	47.496	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.222	232	272544	42.011	ng		92
60)	Diethylphthalate	10.316	149	1304593	48.297	ng		100
61)	4-Chlorophenyl-phenyle...	10.434	204	569531	49.420	ng		94
62)	4-Nitroaniline	10.481	138	308184	42.066	ng		94
63)	Azobenzene	10.592	77	1254123	45.520	ng		95
65)	4,6-Dinitro-2-methylph...	10.504	198	181092	43.717	ng		90
66)	n-Nitrosodiphenylamine	10.557	169	1081298	49.473	ng		96
67)	4-Bromophenyl-phenylether	10.922	248	367914	51.194	ng		96
68)	Hexachlorobenzene	10.992	284	403230	51.783	ng		96
69)	Atrazine	11.086	200	350755	52.835	ng		98
70)	Pentachlorophenol	11.192	266	291335	68.821	ng		98
71)	Phenanthrene	11.410	178	1682312	46.958	ng		99
72)	Anthracene	11.463	178	1682082	47.778	ng		100
73)	Carbazole	11.616	167	1556696	46.972	ng		99
74)	Di-n-butylphthalate	11.933	149	2022830	51.253	ng		99
75)	Fluoranthene	12.598	202	1607921	44.296	ng		99
77)	Benzidine	12.716	184	502111	41.776	ng		99
78)	Pyrene	12.827	202	1602767	56.336	ng		99
80)	Butylbenzylphthalate	13.433	149	700551	56.770	ng		99
81)	Benzo(a)anthracene	14.016	228	1104656	47.532	ng		100
82)	3,3'-Dichlorobenzidine	13.974	252	252259	32.875	ng	#	98
83)	Chrysene	14.057	228	1021145	46.621	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.986	149	882050	54.293	ng		100
85)	Di-n-octyl phthalate	14.598	149	1190166	50.908	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.004	276	1183005	54.607	ng		99
88)	Benzo(b)fluoranthene	15.069	252	1070077	50.144	ng		98
89)	Benzo(k)fluoranthene	15.098	252	898885	42.983	ng		99
90)	Benzo(a)pyrene	15.439	252	879796	50.787	ng		97
91)	Dibenzo(a,h)anthracene	17.010	278	1015504	57.592	ng		98
92)	Benzo(g,h,i)perylene	17.451	276	1041841	57.823	ng		99

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

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