Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
Data File : BF129337.D
Acq On : 25 Jul 2022 17:16
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF072522

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

Quant Time: Jul 25 17:43:45 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	274767	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1051168	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	548674	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	914505	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	566826	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	447088	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1305203	77.381	ng		0.00
7) Phenol-d6	6.516	99	1634634	77.101	ng		0.00
23) Nitrobenzene-d5	7.451	82	1511437	78.491	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	405150	76.804	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2491186	70.237	ng		0.00
79) Terphenyl-d14	13.004	244	2393538	79.665	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	296754	38.994	ng		89
3) Pyridine	3.445	79	847225	40.088	ng		89
4) n-Nitrosodimethylamine	3.398	42	362901	39.104	ng	#	88
6) Aniline	6.551	93	1036623	39.331	ng		100
8) 2-Chlorophenol	6.669	128	713474	38.717	ng		100
9) Benzaldehyde	6.439	77	540177	37.518	ng		99
10) Phenol	6.528	94	876571m	38.825	ng		
11) bis(2-Chloroethyl)ether	6.622	93	701547	39.181	ng		94
12) 1,3-Dichlorobenzene	6.828	146	761770	38.544	ng		98
13) 1,4-Dichlorobenzene	6.904	146	775243	38.569	ng		98
14) 1,2-Dichlorobenzene	7.057	146	709514	38.404	ng		98
15) Benzyl Alcohol	7.028	79	614217	39.946	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1052565	39.108	ng		94
17) 2-Methylphenol	7.133	107	593818	38.843	ng		99
18) Hexachloroethane	7.398	117	300566	39.713	ng		89
19) n-Nitroso-di-n-propyla...	7.298	70	489454	38.134	ng		93
20) 3+4-Methylphenols	7.286	107	726810	37.392	ng		91
22) Acetophenone	7.298	105	938372	38.343	ng	#	97
24) Nitrobenzene	7.469	77	783786	39.527	ng		98
25) Isophorone	7.710	82	1347651	39.043	ng		98
26) 2-Nitrophenol	7.786	139	396021	40.483	ng		91
27) 2,4-Dimethylphenol	7.816	122	573305	39.071	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	790619	39.485	ng		99
29) 2,4-Dichlorophenol	8.022	162	603482	39.846	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	607449	38.749	ng		97
31) Naphthalene	8.192	128	2065130	38.669	ng		99
32) Benzoic acid	7.939	122	437359	41.229	ng		97
33) 4-Chloroaniline	8.239	127	858200	39.141	ng		98
34) Hexachlorobutadiene	8.304	225	346438	38.877	ng		100
35) Caprolactam	8.622	113	192191	39.032	ng	#	80
36) 4-Chloro-3-methylphenol	8.716	107	630232	39.234	ng		96
37) 2-Methylnaphthalene	8.880	142	1335938	38.493	ng		99
38) 1-Methylnaphthalene	8.980	142	1311166	39.135	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	560740	38.921	ng		98
41) Hexachlorocyclopentadiene	9.033	237	273611	42.650	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	417058	39.857	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	450767	39.613	ng	#	94
46) 1,1'-Biphenyl	9.345	154	1551461	38.746	ng		98
47) 2-Chloronaphthalene	9.374	162	1249241	38.592	ng		99
48) 2-Nitroaniline	9.469	65	429852	39.935	ng		95
49) Acenaphthylene	9.792	152	1923016	39.097	ng		100
50) Dimethylphthalate	9.651	163	1468111	38.760	ng		100
51) 2,6-Dinitrotoluene	9.716	165	336491	39.692	ng		91
52) Acenaphthene	9.963	154	1249622m	38.898	ng		
53) 3-Nitroaniline	9.886	138	395632	39.521	ng	#	89
54) 2,4-Dinitrophenol	9.986	184	180241	41.647	ng		99
55) Dibenzofuran	10.133	168	1710399	38.622	ng		96
56) 4-Nitrophenol	10.039	139	291889	39.523	ng		99
57) 2,4-Dinitrotoluene	10.116	165	443489	40.045	ng		98
58) Fluorene	10.480	166	1342778	37.895	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	353677	40.219	ng		92
60) Diethylphthalate	10.345	149	1427567	38.989	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	595544	38.123	ng		94
62) 4-Nitroaniline	10.504	138	393195	39.594	ng		89
63) Azobenzene	10.627	77	1454347	38.943	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	239677	41.523	ng		93
66) n-Nitrosodiphenylamine	10.586	169	1188070	39.010	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	391290	39.074	ng		93
68) Hexachlorobenzene	11.027	284	427264	39.377	ng		97
69) Atrazine	11.116	200	360808	39.004	ng		97
70) Pentachlorophenol	11.221	266	237534	40.269	ng		99
71) Phenanthrene	11.445	178	1902099	38.103	ng		99
72) Anthracene	11.498	178	1872901	38.178	ng		99
73) Carbazole	11.651	167	1774418	38.424	ng		99
74) Di-n-butylphthalate	11.974	149	2112608	38.415	ng		99
75) Fluoranthene	12.633	202	1911749	37.796	ng		97
77) Benzidine	12.751	184	757558	37.831	ng		99
78) Pyrene	12.863	202	1954930	41.244	ng		100
80) Butylbenzylphthalate	13.474	149	865440	42.094	ng		96
81) Benzo(a)anthracene	14.051	228	1507881	38.943	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	494143	38.653	ng		96
83) Chrysene	14.092	228	1441504	39.502	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1115839	41.225	ng		98
85) Di-n-octyl phthalate	14.645	149	1539379	39.522	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1269694	42.172	ng		98
88) Benzo(b)fluoranthene	15.109	252	1206146	40.670	ng		98
89) Benzo(k)fluoranthene	15.145	252	1125258	38.718	ng		100
90) Benzo(a)pyrene	15.486	252	951988	39.543	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	1035384	42.253	ng		97
92) Benzo(g,h,i)perylene	17.515	276	1076993	43.011	ng		97

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

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