Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
Data File : BF129222.D
Acq On : 14 Jul 2022 16:01
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 14 18:43:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 16:23:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	341932	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	1307856	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	661871	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	1083946	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	714363	20.000	ng		0.00
86) Perylene-d12	15.563	264	606359	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1646691	75.924	ng		0.00
7) Phenol-d6	6.534	99	2134124	77.106	ng		0.00
23) Nitrobenzene-d5	7.469	82	1940261	78.637	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	466552	78.306	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2928560	68.380	ng		0.00
79) Terphenyl-d14	13.022	244	2729927	76.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	394535	39.314	ng		91
3) Pyridine	3.504	79	1032273	40.640	ng		92
4) n-Nitrosodimethylamine	3.463	42	487292	38.598	ng		94
6) Aniline	6.563	93	1276409	39.636	ng		100
8) 2-Chlorophenol	6.687	128	869704	38.792	ng		98
9) Benzaldehyde	6.451	77	549387	41.671	ng		97
10) Phenol	6.545	94	1167734	39.704	ng		94
11) bis(2-Chloroethyl)ether	6.640	93	874565	39.490	ng		94
12) 1,3-Dichlorobenzene	6.840	146	930071	38.848	ng		98
13) 1,4-Dichlorobenzene	6.916	146	932776	38.734	ng		98
14) 1,2-Dichlorobenzene	7.075	146	858178	37.199	ng		99
15) Benzyl Alcohol	7.045	79	767839	40.227	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1412579	39.412	ng		95
17) 2-Methylphenol	7.151	107	724154	39.307	ng		99
18) Hexachloroethane	7.410	117	359269	39.525	ng	#	86
19) n-Nitroso-di-n-propyla...	7.316	70	616584	38.923	ng		98
20) 3+4-Methylphenols	7.304	107	886777	38.877	ng		97
22) Acetophenone	7.316	105	1163850	38.440	ng	#	97
24) Nitrobenzene	7.487	77	929206	39.671	ng		97
25) Isophorone	7.722	82	1605257	39.415	ng		99
26) 2-Nitrophenol	7.798	139	468729	42.171	ng		96
27) 2,4-Dimethylphenol	7.834	122	720958	40.089	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	1064578	39.655	ng		99
29) 2,4-Dichlorophenol	8.039	162	714895	40.028	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	731139	39.082	ng		96
31) Naphthalene	8.204	128	2420528	39.180	ng		99
32) Benzoic acid	7.957	122	591791	41.929	ng		96
33) 4-Chloroaniline	8.257	127	999164	39.489	ng		97
34) Hexachlorobutadiene	8.322	225	405695	39.055	ng		98
35) Caprolactam	8.639	113	234425	39.541	ng	#	80
36) 4-Chloro-3-methylphenol	8.734	107	765908	39.179	ng		94
37) 2-Methylnaphthalene	8.898	142	1556473	39.227	ng		99
38) 1-Methylnaphthalene	8.998	142	1489092	38.740	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	641880	38.212	ng		98
41) Hexachlorocyclopentadiene	9.045	237	347267	41.699	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	484208	38.743	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	507183	39.868	ng	#	91
46) 1,1'-Biphenyl	9.363	154	1821727	38.135	ng		99
47) 2-Chloronaphthalene	9.386	162	1444956	38.565	ng		99
48) 2-Nitroaniline	9.486	65	507391	40.015	ng		87
49) Acenaphthylene	9.804	152	2180708	39.076	ng		99
50) Dimethylphthalate	9.663	163	1661205	39.083	ng		99
51) 2,6-Dinitrotoluene	9.728	165	377303	41.225	ng		99
52) Acenaphthene	9.981	154	1423213	39.354	ng		99
53) 3-Nitroaniline	9.898	138	444980	40.024	ng	#	94
54) 2,4-Dinitrophenol	9.998	184	209510	40.350	ng		99
55) Dibenzofuran	10.151	168	1981124	38.576	ng		96
56) 4-Nitrophenol	10.051	139	359652	40.880	ng		98
57) 2,4-Dinitrotoluene	10.128	165	497088	41.736	ng		98
58) Fluorene	10.492	166	1502448	38.424	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	386021	39.847	ng		89
60) Diethylphthalate	10.363	149	1608963	39.312	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	679369	38.117	ng	#	89
62) 4-Nitroaniline	10.516	138	431799	39.382	ng		93
63) Azobenzene	10.645	77	1741409	39.200	ng		95
65) 4,6-Dinitro-2-methylph...	10.539	198	280326	41.810	ng		97
66) n-Nitrosodiphenylamine	10.604	169	1342479	39.105	ng		96
67) 4-Bromophenyl-phenylether	10.975	248	431799	39.105	ng		95
68) Hexachlorobenzene	11.039	284	455817	38.976	ng		96
69) Atrazine	11.128	200	366786	39.758	ng		96
70) Pentachlorophenol	11.233	266	283204	41.929	ng		99
71) Phenanthrene	11.457	178	2097093	38.451	ng		99
72) Anthracene	11.510	178	2077548	38.356	ng		99
73) Carbazole	11.663	167	2101073	38.286	ng		99
74) Di-n-butylphthalate	11.986	149	2371085	39.833	ng		99
75) Fluoranthene	12.645	202	2131298	38.352	ng		96
77) Benzidine	12.763	184	585538	37.755	ng		97
78) Pyrene	12.880	202	2138010	39.031	ng		99
80) Butylbenzylphthalate	13.486	149	984797	41.829	ng		96
81) Benzo(a)anthracene	14.069	228	1769181	39.247	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	407575	38.307	ng	#	96
83) Chrysene	14.104	228	1630508	38.217	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1291604	41.721	ng		98
85) Di-n-octyl phthalate	14.657	149	1974817	41.479	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1535200	41.128	ng		97
88) Benzo(b)fluoranthene	15.127	252	1423967	38.377	ng	#	98
89) Benzo(k)fluoranthene	15.157	252	1447100m	40.313	ng		
90) Benzo(a)pyrene	15.504	252	1193474	39.202	ng	#	97
91) Dibenzo(a,h)anthracene	17.098	278	1239798	41.422	ng	#	97
92) Benzo(g,h,i)perylene	17.545	276	1294939	41.995	ng		96

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

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