Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130668.D
Acq On : 14 Oct 2022 16:33
Operator : CG\JU
Sample : N5140-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 02:21:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.581	152	77795	20.000	ng		0.00
21) Naphthalene-d8	7.863	136	299918	20.000	ng		-0.01
39) Acenaphthene-d10	9.616	164	165885	20.000	ng		0.00
64) Phenanthrene-d10	11.092	188	289598	20.000	ng		0.00
76) Chrysene-d12	13.727	240	174234	20.000	ng	#	0.00
86) Perylene-d12	15.098	264	143308	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.192	112	427678	99.095	ng		0.00
7) Phenol-d6	6.234	99	534659	98.533	ng		0.00
23) Nitrobenzene-d5	7.157	82	328475	59.789	ng		0.00
42) 2,4,6-Tribromophenol	10.404	330	171090	105.405	ng		0.00
45) 2-Fluorobiphenyl	8.945	172	624766	57.049	ng		0.00
79) Terphenyl-d14	12.674	244	635965	60.581	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.234	88	78830	30.191	ng		97
3) Pyridine	2.887	79	194570	41.659	ng		98
4) n-Nitrosodimethylamine	2.857	42	104283	47.389	ng		90
6) Aniline	6.245	93	250778	38.603	ng	#	67
8) 2-Chlorophenol	6.369	128	247021	48.670	ng		98
9) Benzaldehyde	6.134	77	127750	37.473	ng		99
10) Phenol	6.251	94	290774	46.313	ng		98
11) bis(2-Chloroethyl)ether	6.328	93	210569	46.171	ng		99
12) 1,3-Dichlorobenzene	6.522	146	262714	47.275	ng		99
13) 1,4-Dichlorobenzene	6.598	146	268484	47.623	ng		99
14) 1,2-Dichlorobenzene	6.751	146	252701	48.129	ng		98
15) Benzyl Alcohol	6.739	79	178956	45.936	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.869	45	262494	44.738	ng		86
17) 2-Methylphenol	6.857	107	195452	48.412	ng		96
18) Hexachloroethane	7.086	117	99641	46.719	ng		97
19) n-Nitroso-di-n-propyla...	7.010	70	159902	45.675	ng		99
20) 3+4-Methylphenols	7.016	107	242562	44.836	ng	#	83
22) Acetophenone	7.004	105	342768	47.642	ng	#	97
24) Nitrobenzene	7.175	77	247855	44.860	ng		98
25) Isophorone	7.416	82	441320	48.264	ng		99
26) 2-Nitrophenol	7.486	139	129246	47.701	ng		89
27) 2,4-Dimethylphenol	7.539	122	208552	55.226	ng		99
28) bis(2-Chloroethoxy)met...	7.628	93	265099	50.070	ng		99
29) 2,4-Dichlorophenol	7.733	162	200179	47.379	ng		99
30) 1,2,4-Trichlorobenzene	7.810	180	212155	46.577	ng		98
31) Naphthalene	7.886	128	698688	45.004	ng		100
32) Benzoic acid	7.704	122	110629	46.307	ng		99
33) 4-Chloroaniline	7.945	127	188089	31.275	ng		99
34) Hexachlorobutadiene	8.004	225	135574	47.955	ng		98
35) Caprolactam	8.328	113	61701m	48.537	ng		
36) 4-Chloro-3-methylphenol	8.445	107	218657	47.710	ng		94
37) 2-Methylnaphthalene	8.580	142	468473	47.950	ng		100
38) 1-Methylnaphthalene	8.675	142	435480	45.915	ng		99
40) 1,2,4,5-Tetrachloroben...	8.745	216	220944	49.091	ng		99
41) Hexachlorocyclopentadiene	8.728	237	182102	102.643	ng		99
43) 2,4,6-Trichlorophenol	8.863	196	137518	45.507	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.910	196	148053	44.550	ng		98
46)	1,1'-Biphenyl	9.045	154	572626	47.632	ng		99
47)	2-Chloronaphthalene	9.063	162	448911	45.689	ng		98
48)	2-Nitroaniline	9.175	65	130680	44.183	ng		94
49)	Acenaphthylene	9.480	152	672926	45.709	ng		99
50)	Dimethylphthalate	9.357	163	525705	45.781	ng		99
51)	2,6-Dinitrotoluene	9.416	165	118761	47.148	ng		100
52)	Acenaphthene	9.651	154	403958	45.289	ng		99
53)	3-Nitroaniline	9.586	138	89309	32.345	ng		99
54)	2,4-Dinitrophenol	9.704	184	116200	89.876	ng		98
55)	Dibenzofuran	9.822	168	614959	45.258	ng		99
56)	4-Nitrophenol	9.769	139	139904	91.897	ng		91
57)	2,4-Dinitrotoluene	9.822	165	153587	47.443	ng		95
58)	Fluorene	10.163	166	503501	45.072	ng		100
59)	2,3,4,6-Tetrachlorophenol	9.945	232	117019	44.167	ng		96
60)	Diethylphthalate	10.051	149	502200	43.833	ng		99
61)	4-Chlorophenyl-phenyle...	10.157	204	238366	47.197	ng		98
62)	4-Nitroaniline	10.204	138	109684	41.607	ng		99
63)	Azobenzene	10.316	77	459537	42.585	ng		99
65)	4,6-Dinitro-2-methylph...	10.227	198	82923	45.820	ng		80
66)	n-Nitrosodiphenylamine	10.280	169	430060	44.644	ng		100
67)	4-Bromophenyl-phenylether	10.645	248	154793	47.240	ng		96
68)	Hexachlorobenzene	10.704	284	179407	48.434	ng		97
69)	Atrazine	10.816	200	140306	53.487	ng		98
70)	Pentachlorophenol	10.910	266	138295	95.928	ng		98
71)	Phenanthrene	11.121	178	710807	44.302	ng		100
72)	Anthracene	11.174	178	730193	46.598	ng		99
73)	Carbazole	11.333	167	639183	45.713	ng		99
74)	Di-n-butylphthalate	11.663	149	781898	46.164	ng		100
75)	Fluoranthene	12.304	202	718173	46.572	ng		99
77)	Benzidine	12.433	184	219420	49.823	ng		97
78)	Pyrene	12.527	202	712994	47.434	ng		99
80)	Butylbenzylphthalate	13.157	149	278168	48.127	ng		99
81)	Benzo(a)anthracene	13.715	228	520851	44.365	ng		99
82)	3,3'-Dichlorobenzidine	13.686	252	162204	47.812	ng	#	98
83)	Chrysene	13.751	228	487318	43.780	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.715	149	340529	48.597	ng		100
85)	Di-n-octyl phthalate	14.327	149	446820	41.636	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.392	276	509758	47.525	ng		98
88)	Benzo(b)fluoranthene	14.721	252	430241	47.412	ng		99
89)	Benzo(k)fluoranthene	14.745	252	412230	44.614	ng		99
90)	Benzo(a)pyrene	15.045	252	372160	49.276	ng		99
91)	Dibenzo(a,h)anthracene	16.404	278	439150	49.948	ng		99
92)	Benzo(g,h,i)perylene	16.780	276	440213	53.758	ng		96

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

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