Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
Data File : BF130234.D
Acq On : 14 Sep 2022 12:10
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 14:10:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	106485	20.000	ng		0.00
21) Naphthalene-d8	7.963	136	423441	20.000	ng		0.00
39) Acenaphthene-d10	9.710	164	216017	20.000	ng		0.00
64) Phenanthrene-d10	11.186	188	357540	20.000	ng		0.00
76) Chrysene-d12	13.815	240	240889	20.000	ng		0.00
86) Perylene-d12	15.209	264	178413	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	265040	37.552	ng		0.00
7) Phenol-d6	6.304	99	328023	36.954	ng		-0.01
23) Nitrobenzene-d5	7.245	82	343449	44.098	ng		0.00
42) 2,4,6-Tribromophenol	10.492	330	81356	40.335	ng		0.00
45) 2-Fluorobiphenyl	9.033	172	616926	42.809	ng		0.00
79) Terphenyl-d14	12.774	244	577926	40.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.316	88	59774m	12.002	ng		
3) Pyridine	2.998	79	160649	18.830	ng		99
4) n-Nitrosodimethylamine	2.945	42	85215	20.015	ng		92
6) Aniline	6.339	93	202872	19.492	ng		99
8) 2-Chlorophenol	6.457	128	151756	19.818	ng		97
9) Benzaldehyde	6.222	77	117767	22.768	ng		98
10) Phenol	6.316	94	196552	20.267	ng		98
11) bis(2-Chloroethyl)ether	6.416	93	140433	19.926	ng		99
12) 1,3-Dichlorobenzene	6.616	146	164383	21.115	ng		99
13) 1,4-Dichlorobenzene	6.692	146	168070	20.930	ng		97
14) 1,2-Dichlorobenzene	6.845	146	158133	20.978	ng		99
15) Benzyl Alcohol	6.822	79	134859	22.499	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.963	45	206099	20.467	ng		99
17) 2-Methylphenol	6.933	107	123312	20.133	ng		98
18) Hexachloroethane	7.186	117	67153	20.474	ng		95
19) n-Nitroso-di-n-propyla...	7.092	70	111770	20.483	ng		97
20) 3+4-Methylphenols	7.086	107	160310	20.213	ng		91
22) Acetophenone	7.092	105	216385	22.240	ng	#	93
24) Nitrobenzene	7.263	77	173175	22.480	ng		97
25) Isophorone	7.498	82	275331	20.706	ng		98
26) 2-Nitrophenol	7.575	139	70745	19.822	ng		98
27) 2,4-Dimethylphenol	7.616	122	109379	20.071	ng		98
28) bis(2-Chloroethoxy)met...	7.716	93	157136	20.503	ng		98
29) 2,4-Dichlorophenol	7.816	162	118820	20.136	ng		99
30) 1,2,4-Trichlorobenzene	7.904	180	129428	20.459	ng		96
31) Naphthalene	7.980	128	452258	21.078	ng		99
32) Benzoic acid	7.710	122	75854	17.737	ng		97
33) 4-Chloroaniline	8.033	127	173458	19.773	ng		100
34) Hexachlorobutadiene	8.098	225	82185	22.279	ng		99
35) Caprolactam	8.392	113	34328m	18.119	ng		
36) 4-Chloro-3-methylphenol	8.510	107	135505	20.363	ng		93
37) 2-Methylnaphthalene	8.669	142	287238	20.570	ng		100
38) 1-Methylnaphthalene	8.769	142	278014	20.292	ng		96
40) 1,2,4,5-Tetrachloroben...	8.833	216	119399	20.206	ng		98
41) Hexachlorocyclopentadiene	8.822	237	62557	20.550	ng		98
43) 2,4,6-Trichlorophenol	8.945	196	84872	20.130	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.980	196	88916	20.235	ng	#	91
46)	1,1'-Biphenyl	9.133	154	331265	20.116	ng		99
47)	2-Chloronaphthalene	9.157	162	265682	20.297	ng		99
48)	2-Nitroaniline	9.257	65	89735	20.521	ng		97
49)	Acenaphthylene	9.569	152	404181	20.046	ng		99
50)	Dimethylphthalate	9.439	163	307609	20.684	ng		99
51)	2,6-Dinitrotoluene	9.498	165	64109	19.753	ng		97
52)	Acenaphthene	9.745	154	260160	20.484	ng		99
53)	3-Nitroaniline	9.663	138	70258	18.836	ng		90
54)	2,4-Dinitrophenol	9.769	184	25562	17.406	ng		91
55)	Dibenzofuran	9.916	168	368752	20.884	ng		99
56)	4-Nitrophenol	9.816	139	54435	19.363	ng		96
57)	2,4-Dinitrotoluene	9.898	165	82828	20.209	ng		91
58)	Fluorene	10.257	166	297289	21.012	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.027	232	72073	21.105	ng		98
60)	Diethylphthalate	10.139	149	307793	21.300	ng		100
61)	4-Chlorophenyl-phenyle...	10.251	204	129426	21.567	ng		94
62)	4-Nitroaniline	10.274	138	73311	19.532	ng		98
63)	Azobenzene	10.410	77	320854	22.174	ng		99
65)	4,6-Dinitro-2-methylph...	10.298	198	36621	15.723	ng		90
66)	n-Nitrosodiphenylamine	10.369	169	247029	19.536	ng		98
67)	4-Bromophenyl-phenylether	10.739	248	80056	19.817	ng		95
68)	Hexachlorobenzene	10.798	284	92060	20.795	ng		97
69)	Atrazine	10.898	200	71230	21.328	ng		97
70)	Pentachlorophenol	10.992	266	47898	19.352	ng		99
71)	Phenanthrene	11.210	178	413526	19.930	ng		100
72)	Anthracene	11.263	178	401099	19.986	ng		99
73)	Carbazole	11.421	167	363786	19.725	ng		100
74)	Di-n-butylphthalate	11.757	149	449211	20.573	ng		100
75)	Fluoranthene	12.392	202	415311	18.481	ng		100
77)	Benzidine	12.521	184	142878	24.228	ng		99
78)	Pyrene	12.621	202	422675	19.641	ng		100
80)	Butylbenzylphthalate	13.251	149	166576	20.240	ng		98
81)	Benzo(a)anthracene	13.804	228	331026	19.703	ng		99
82)	3,3'-Dichlorobenzidine	13.774	252	92949	19.013	ng		99
83)	Chrysene	13.845	228	318272	19.673	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.809	149	192389	20.925	ng		100
85)	Di-n-octyl phthalate	14.421	149	252614	20.512	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.539	276	235810	18.203	ng		100
88)	Benzo(b)fluoranthene	14.815	252	242114	19.352	ng		98
89)	Benzo(k)fluoranthene	14.845	252	245300m	20.856	ng		
90)	Benzo(a)pyrene	15.151	252	186060	19.265	ng		97
91)	Dibenzo(a,h)anthracene	16.556	278	193562	18.350	ng		97
92)	Benzo(g,h,i)perylene	16.939	276	193441	17.963	ng		98

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

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