Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135752.D
Acq On : 13 Oct 2023 14:24
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 13 17:04:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 16:43:54 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	120607	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	473859	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	239919	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	449337	20.000	ng		0.00
76) Chrysene-d12	13.945	240	301874	20.000	ng		0.00
86) Perylene-d12	15.415	264	276536	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	734137	97.864	ng		0.00
7) Phenol-d6	6.398	99	883734	94.417	ng		0.00
23) Nitrobenzene-d5	7.316	82	797848	92.604	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	207439	90.104	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1376067	89.676	ng		0.00
79) Terphenyl-d14	12.874	244	1467025	89.998	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	176370	48.743	ng		99
3) Pyridine	3.181	79	460208	51.620	ng		95
4) n-Nitrosodimethylamine	3.169	42	249264	52.209	ng		96
6) Aniline	6.416	93	554251	47.054	ng	#	72
8) 2-Chlorophenol	6.534	128	389107	48.100	ng		99
9) Benzaldehyde	6.304	77	236879	44.465	ng		99
10) Phenol	6.416	94	466472	47.563	ng		99
11) bis(2-Chloroethyl)ether	6.486	93	387839	49.079	ng		98
12) 1,3-Dichlorobenzene	6.681	146	391359	47.720	ng		99
13) 1,4-Dichlorobenzene	6.757	146	393637	47.381	ng		98
14) 1,2-Dichlorobenzene	6.910	146	353112	47.205	ng		99
15) Benzyl Alcohol	6.898	79	292239	46.957	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	653510	45.725	ng		98
17) 2-Methylphenol	7.016	107	321900	45.966	ng		95
18) Hexachloroethane	7.245	117	139365	46.266	ng		95
19) n-Nitroso-di-n-propyla...	7.169	70	248922	43.011	ng		97
20) 3+4-Methylphenols	7.169	107	383268	43.901	ng	#	90
22) Acetophenone	7.163	105	484473	44.580	ng		93
24) Nitrobenzene	7.333	77	403861	46.705	ng		99
25) Isophorone	7.569	82	737221	45.356	ng		100
26) 2-Nitrophenol	7.645	139	202405	47.965	ng		97
27) 2,4-Dimethylphenol	7.692	122	323863	46.620	ng		99
28) bis(2-Chloroethoxy)met...	7.780	93	443720	45.839	ng		99
29) 2,4-Dichlorophenol	7.892	162	306185	47.032	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	311176	46.734	ng		98
31) Naphthalene	8.045	128	1069324	46.265	ng		99
32) Benzoic acid	7.857	122	243699m	51.957	ng		
33) 4-Chloroaniline	8.104	127	479238	47.466	ng		99
34) Hexachlorobutadiene	8.157	225	186757	47.386	ng		98
35) Caprolactam	8.498	113	109662	49.220	ng		91
36) 4-Chloro-3-methylphenol	8.598	107	352184	48.782	ng		98
37) 2-Methylnaphthalene	8.739	142	709728	46.607	ng		100
38) 1-Methylnaphthalene	8.833	142	654192	46.578	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	330891	47.945	ng		100
41) Hexachlorocyclopentadiene	8.880	237	45164	49.207	ng		92
43) 2,4,6-Trichlorophenol	9.027	196	215819	48.528	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.075	196	250491	48.426	ng	99
46)	1,1'-Biphenyl	9.204	154	855730	46.562	ng	99
47)	2-Chloronaphthalene	9.233	162	618462	46.694	ng	98
48)	2-Nitroaniline	9.339	65	255724	48.913	ng	96
49)	Acenaphthylene	9.645	152	992310	45.272	ng	98
50)	Dimethylphthalate	9.510	163	743316	45.895	ng	99
51)	2,6-Dinitrotoluene	9.586	165	165575	47.540	ng	87
52)	Acenaphthene	9.816	154	613395	46.689	ng	99
53)	3-Nitroaniline	9.757	138	203859	47.747	ng	99
54)	2,4-Dinitrophenol	9.880	184	80989	55.706	ng	96
55)	Dibenzofuran	9.992	168	896028	45.201	ng	98
56)	4-Nitrophenol	9.945	139	90156	48.415	ng	97
57)	2,4-Dinitrotoluene	9.998	165	201602	45.498	ng	92
58)	Fluorene	10.333	166	695283	44.802	ng	98
59)	2,3,4,6-Tetrachlorophenol	10.116	232	190448	48.719	ng	97
60)	Diethylphthalate	10.216	149	767402	46.412	ng	98
61)	4-Chlorophenyl-phenyle...	10.327	204	334704	44.624	ng	94
62)	4-Nitroaniline	10.380	138	184195	46.889	ng	98
63)	Azobenzene	10.486	77	729665	45.422	ng	100
65)	4,6-Dinitro-2-methylph...	10.416	198	118352	52.337	ng	88
66)	n-Nitrosodiphenylamine	10.451	169	621192	45.357	ng	99
67)	4-Bromophenyl-phenylether	10.816	248	207038	45.901	ng	98
68)	Hexachlorobenzene	10.886	284	212511	46.276	ng	100
69)	Atrazine	10.986	200	166419	44.673	ng	98
70)	Pentachlorophenol	11.092	266	92276	51.673	ng	97
71)	Phenanthrene	11.304	178	967908	44.966	ng	99
72)	Anthracene	11.357	178	1011915	45.367	ng	100
73)	Carbazole	11.516	167	950263	45.680	ng	100
74)	Di-n-butylphthalate	11.839	149	1160537	45.438	ng	99
75)	Fluoranthene	12.498	202	1091995	45.709	ng	99
77)	Benzidine	12.627	184	240021	36.438	ng	100
78)	Pyrene	12.733	202	1118511	46.627	ng	99
80)	Butylbenzylphthalate	13.351	149	512341	48.603	ng	100
81)	Benzo(a)anthracene	13.933	228	940756	47.445	ng	100
82)	3,3'-Dichlorobenzidine	13.892	252	300466	45.691	ng	98
83)	Chrysene	13.968	228	901934	46.963	ng	98
84)	Bis(2-ethylhexyl)phtha...	13.910	149	677243	47.403	ng	99
85)	Di-n-octyl phthalate	14.527	149	1038964	45.860	ng	100
87)	Indeno(1,2,3-cd)pyrene	16.927	276	781592	51.872	ng	99
88)	Benzo(b)fluoranthene	14.986	252	776560	50.176	ng	99
89)	Benzo(k)fluoranthene	15.015	252	679177	45.201	ng	99
90)	Benzo(a)pyrene	15.356	252	684800	47.054	ng	99
91)	Dibenzo(a,h)anthracene	16.927	278	636153	51.501	ng	100
92)	Benzo(g,h,i)perylene	17.374	276	687680	54.198	ng	99

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

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