Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132240.D
Acq On : 31 Jan 2023 19:09
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 01 04:51:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 04:46:24 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	196682	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	705568	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	345393	20.000	ng	0.00
64) Phenanthrene-d10	11.624	188	635362	20.000	ng	0.00
76) Chrysene-d12	14.289	240	414029	20.000	ng	0.00
86) Perylene-d12	15.871	264	394357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1305269	110.418	ng	0.00
7) Phenol-d6	6.689	99	1634045	110.244	ng	0.00
23) Nitrobenzene-d5	7.642	82	1425344	105.760	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	419585	131.190	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	2229991	95.002	ng	0.00
79) Terphenyl-d14	13.218	244	2334582	88.591	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.960	88	325720	54.745	ng	99
3) Pyridine	3.737	79	885511	54.190	ng	98
4) n-Nitrosodimethylamine	3.707	42	288139	52.686	ng	98
6) Aniline	6.742	93	1144636m	55.149	ng	
8) 2-Chlorophenol	6.860	128	689153	58.142	ng	98
9) Benzaldehyde	6.625	77	422216	43.904	ng	96
10) Phenol	6.707	94	848848	55.012	ng	98
11) bis(2-Chloroethyl)ether	6.807	93	708030	53.194	ng	97
12) 1,3-Dichlorobenzene	7.013	146	735021	55.781	ng	98
13) 1,4-Dichlorobenzene	7.089	146	730710	55.625	ng	98
14) 1,2-Dichlorobenzene	7.248	146	666065	54.581	ng	99
15) Benzyl Alcohol	7.207	79	632841	58.106	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.342	45	737995	48.825	ng	97
17) 2-Methylphenol	7.307	107	612890	56.869	ng	98
18) Hexachloroethane	7.589	117	279386	57.880	ng	97
19) n-Nitroso-di-n-propyla...	7.484	70	445192	49.903	ng	98
20) 3+4-Methylphenols	7.466	107	762574	56.300	ng	98
22) Acetophenone	7.484	105	882098	51.132	ng	99
24) Nitrobenzene	7.660	77	730673	52.439	ng	99
25) Isophorone	7.895	82	1391749	53.696	ng	100
26) 2-Nitrophenol	7.972	139	383066	74.525	ng	97
27) 2,4-Dimethylphenol	8.001	122	626597	57.811	ng	99
28) bis(2-Chloroethoxy)met...	8.101	93	818665	51.303	ng	100
29) 2,4-Dichlorophenol	8.213	162	558082	55.144	ng	99
30) 1,2,4-Trichlorobenzene	8.295	180	587432	50.526	ng	98
31) Naphthalene	8.383	128	1900595	54.442	ng	99
32) Benzoic acid	8.119	122	533606m	83.365	ng	
33) 4-Chloroaniline	8.425	127	862608	56.997	ng	97
34) Hexachlorobutadiene	8.495	225	337135	46.420	ng	99
35) Caprolactam	8.813	113	204613	71.406	ng	98
36) 4-Chloro-3-methylphenol	8.901	107	617613	59.594	ng	99
37) 2-Methylnaphthalene	9.078	142	1274735	53.218	ng	100
38) 1-Methylnaphthalene	9.178	142	1187976	53.465	ng	100
40) 1,2,4,5-Tetrachloroben...	9.242	216	543837	46.917	ng	99
41) Hexachlorocyclopentadiene	9.225	237	354990	60.294	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	403294	57.021	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.383	196	465250	56.171	ng	95
46)	1,1'-Biphenyl	9.542	154	1445388	54.302	ng	98
47)	2-Chloronaphthalene	9.572	162	1113152	53.882	ng	98
48)	2-Nitroaniline	9.660	65	362097	65.263	ng	97
49)	Acenaphthylene	9.989	152	1828811	56.975	ng	99
50)	Dimethylphthalate	9.842	163	1353533	57.743	ng	100
51)	2,6-Dinitrotoluene	9.901	165	322845	64.830	ng	99
52)	Acenaphthene	10.166	154	1160595	58.808	ng	98
53)	3-Nitroaniline	10.077	138	388278	70.462	ng	96
54)	2,4-Dinitrophenol	10.177	184	187272	87.777	ng	94
55)	Dibenzofuran	10.336	168	1585367	53.621	ng	100
56)	4-Nitrophenol	10.219	139	305443	76.720	ng	91
57)	2,4-Dinitrotoluene	10.307	165	432253	70.506	ng	99
58)	Fluorene	10.677	166	1221867	54.105	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.448	232	336820	57.232	ng	98
60)	Diethylphthalate	10.542	149	1363509	59.673	ng	99
61)	4-Chlorophenyl-phenyle...	10.666	204	583979	49.020	ng	93
62)	4-Nitroaniline	10.701	138	377192	72.953	ng	98
63)	Azobenzene	10.830	77	1296724	53.775	ng	96
65)	4,6-Dinitro-2-methylph...	10.719	198	240992	80.306	ng	92
66)	n-Nitrosodiphenylamine	10.789	169	1084132	54.337	ng	98
67)	4-Bromophenyl-phenylether	11.160	248	369135	50.466	ng	94
68)	Hexachlorobenzene	11.230	284	391596	54.031	ng	97
69)	Atrazine	11.307	200	313586	54.760	ng	97
70)	Pentachlorophenol	11.419	266	286882	59.971	ng	99
71)	Phenanthrene	11.648	178	1788944	55.347	ng	99
72)	Anthracene	11.701	178	1816987	55.204	ng	99
73)	Carbazole	11.854	167	1666641	58.945	ng	98
74)	Di-n-butylphthalate	12.177	149	1977414	61.473	ng	100
75)	Fluoranthene	12.848	202	1866657	56.759	ng	98
77)	Benzidine	12.966	184	711005	65.792	ng	99
78)	Pyrene	13.083	202	1883294	48.548	ng	99
80)	Butylbenzylphthalate	13.689	149	881765	74.914	ng	95
81)	Benzo(a)anthracene	14.277	228	1646085	56.546	ng	98
82)	3,3'-Dichlorobenzidine	14.236	252	502568	63.707	ng	99
83)	Chrysene	14.318	228	1524044	56.179	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.248	149	1144280	72.893	ng	99
85)	Di-n-octyl phthalate	14.883	149	1885158	83.545	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.536	276	1611326	61.800	ng	99
88)	Benzo(b)fluoranthene	15.401	252	1419117	58.592	ng	99
89)	Benzo(k)fluoranthene	15.436	252	1408464	56.357	ng	99
90)	Benzo(a)pyrene	15.812	252	1353581	59.216	ng	99
91)	Dibenzo(a,h)anthracene	17.553	278	1283071	60.188	ng	99
92)	Benzo(g,h,i)perylene	18.048	276	1360059	62.575	ng	100

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

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