Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136323.D
Acq On : 30 Nov 2023 20:13
Operator : CG\JU
Sample : 05562-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112823MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 00:12:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	123535	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	458519	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	187509	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	293424	20.000	ng		0.00
76) Chrysene-d12	13.992	240	246812	20.000	ng		0.00
86) Perylene-d12	15.468	264	193449	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	750851	84.597	ng		0.00
7) Phenol-d6	6.445	99	901626	81.244	ng		0.00
23) Nitrobenzene-d5	7.369	82	552769	63.705	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	185415	80.881	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1011035	68.871	ng		0.00
79) Terphenyl-d14	12.933	244	949427	44.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	123903	36.895	ng		94
3) Pyridine	3.410	79	289967	34.978	ng		93
4) n-Nitrosodimethylamine	3.375	42	145397	34.697	ng		87
6) Aniline	6.469	93	141875	13.526	ng		98
8) 2-Chlorophenol	6.592	128	360231	37.275	ng		95
9) Benzaldehyde	6.363	77	165736	26.795	ng		96
10) Phenol	6.457	94	418722	35.169	ng		93
11) bis(2-Chloroethyl)ether	6.545	93	331532	37.957	ng		97
12) 1,3-Dichlorobenzene	6.745	146	389936	35.555	ng		97
13) 1,4-Dichlorobenzene	6.822	146	405376	36.360	ng		97
14) 1,2-Dichlorobenzene	6.975	146	375476	35.574	ng		97
15) Benzyl Alcohol	6.951	79	284094	36.512	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	443485	36.555	ng		98
17) 2-Methylphenol	7.063	107	273048	35.938	ng		98
18) Hexachloroethane	7.316	117	137460	35.150	ng		91
19) n-Nitroso-di-n-propyla...	7.222	70	241635	36.405	ng		95
20) 3+4-Methylphenols	7.216	107	338320	34.263	ng	#	85
22) Acetophenone	7.216	105	511455	42.472	ng	#	91
24) Nitrobenzene	7.386	77	341420	38.828	ng		97
25) Isophorone	7.628	82	634325	40.543	ng		96
26) 2-Nitrophenol	7.704	139	171957	45.898	ng		93
27) 2,4-Dimethylphenol	7.739	122	244462	49.574	ng		96
28) bis(2-Chloroethoxy)met...	7.839	93	384772	40.657	ng		97
29) 2,4-Dichlorophenol	7.945	162	266061	40.001	ng		96
30) 1,2,4-Trichlorobenzene	8.028	180	319046	39.179	ng		97
31) Naphthalene	8.104	128	999942	38.799	ng		97
32) Benzoic acid	7.845	122	172511m	38.385	ng		
33) 4-Chloroaniline	8.157	127	38840	4.434	ng		97
34) Hexachlorobutadiene	8.222	225	182448	38.296	ng		97
35) Caprolactam	8.522	113	74649	40.147	ng		94
36) 4-Chloro-3-methylphenol	8.639	107	250784	34.764	ng		98
37) 2-Methylnaphthalene	8.798	142	590031	36.497	ng		99
38) 1-Methylnaphthalene	8.898	142	555886	35.247	ng		96
40) 1,2,4,5-Tetrachloroben...	8.963	216	282555	47.349	ng		99
41) Hexachlorocyclopentadiene	8.951	237	156232	68.039	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	166591	43.010	ng		96

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44) 2,4,5-Trichlorophenol	9.116	196	168589	39.885	ng		98
46) 1,1'-Biphenyl	9.263	154	755438	45.686	ng		97
47) 2-Chloronaphthalene	9.286	162	534349	41.612	ng		96
48) 2-Nitroaniline	9.386	65	138892	41.428	ng	#	78
49) Acenaphthylene	9.704	152	802253	43.778	ng		98
50) Dimethylphthalate	9.569	163	610992	43.112	ng		99
51) 2,6-Dinitrotoluene	9.627	165	118825	41.041	ng		95
52) Acenaphthene	9.874	154	457495	39.505	ng		97
53) 3-Nitroaniline	9.792	138	61205	21.305	ng		98
54) 2,4-Dinitrophenol	9.904	184	80303	59.636	ng		92
55) Dibenzofuran	10.051	168	674424	39.137	ng		97
56) 4-Nitrophenol	9.957	139	162995	74.703	ng		93
57) 2,4-Dinitrotoluene	10.033	165	144652	37.402	ng		98
58) Fluorene	10.392	166	493944	36.543	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	126982m	37.757	ng		
60) Diethylphthalate	10.269	149	547713	38.635	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	244069	37.181	ng		95
62) 4-Nitroaniline	10.410	138	91154	32.416	ng		96
63) Azobenzene	10.545	77	469967	35.758	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	55289	34.457	ng		93
66) n-Nitrosodiphenylamine	10.504	169	426138	45.318	ng		95
67) 4-Bromophenyl-phenylether	10.880	248	144919	42.334	ng		90
68) Hexachlorobenzene	10.939	284	157491	39.751	ng	#	92
69) Atrazine	11.039	200	142724	51.166	ng		99
70) Pentachlorophenol	11.133	266	184716	82.480	ng		96
71) Phenanthrene	11.357	178	718830	43.587	ng		99
72) Anthracene	11.410	178	714531	43.205	ng		99
73) Carbazole	11.568	167	601411	42.757	ng		98
74) Di-n-butylphthalate	11.910	149	2412731	137.091	ng		99
75) Fluoranthene	12.551	202	870609	52.002	ng		95
77) Benzidine	12.686	184	220837	54.431	ng		99
78) Pyrene	12.786	202	903985	33.444	ng		97
80) Butylbenzylphthalate	13.410	149	333967	39.699	ng		98
81) Benzo(a)anthracene	13.980	228	800391	43.660	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	93989	21.299	ng		92
83) Chrysene	14.015	228	768242	43.402	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	477670	47.313	ng		99
85) Di-n-octyl phthalate	14.598	149	902298	54.272	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	437970	31.277	ng		99
88) Benzo(b)fluoranthene	15.039	252	646954	47.668	ng		98
89) Benzo(k)fluoranthene	15.068	252	569849	44.208	ng		97
90) Benzo(a)pyrene	15.409	252	486832	43.879	ng		97
91) Dibenzo(a,h)anthracene	16.998	278	347401	30.955	ng		99
92) Benzo(g,h,i)perylene	17.433	276	345831	30.421	ng		99

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

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