Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134101.D
Acq On : 06 Jul 2023 17:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 07 01:24:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	130408	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	464427	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	234410	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	464410	20.000	ng	0.00
76) Chrysene-d12	14.045	240	283748	20.000	ng	0.00
86) Perylene-d12	15.545	264	254832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	628535	80.623	ng	-0.01
7) Phenol-d6	6.487	99	761338	79.410	ng	0.00
23) Nitrobenzene-d5	7.416	82	712570	82.707	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	244910	83.330	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1257410	77.989	ng	0.00
79) Terphenyl-d14	12.980	244	1383570	78.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	129771	40.371	ng	99
3) Pyridine	3.410	79	350148	41.819	ng	99
4) n-Nitrosodimethylamine	3.381	42	200502	41.928	ng	100
6) Aniline	6.516	93	468273	40.137	ng	97
8) 2-Chlorophenol	6.634	128	316773	40.028	ng	98
9) Benzaldehyde	6.404	77	210377	39.910	ng	98
10) Phenol	6.504	94	405742	40.250	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	284682	38.359	ng	96
12) 1,3-Dichlorobenzene	6.787	146	334312	39.624	ng	99
13) 1,4-Dichlorobenzene	6.863	146	343555	40.315	ng	98
14) 1,2-Dichlorobenzene	7.016	146	312772	39.189	ng	98
15) Benzyl Alcohol	6.992	79	294820	39.889	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	477728	36.386	ng	98
17) 2-Methylphenol	7.104	107	280339	39.559	ng	98
18) Hexachloroethane	7.357	117	128598	40.698	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	223345	36.734	ng	96
20) 3+4-Methylphenols	7.257	107	336837	39.179	ng	92
22) Acetophenone	7.257	105	427100	40.436	ng	96
24) Nitrobenzene	7.434	77	359681	41.313	ng	95
25) Isophorone	7.669	82	614379	39.237	ng	98
26) 2-Nitrophenol	7.745	139	176791	42.329	ng	96
27) 2,4-Dimethylphenol	7.781	122	259839	39.303	ng	95
28) bis(2-Chloroethoxy)met...	7.881	93	350249	38.631	ng	98
29) 2,4-Dichlorophenol	7.987	162	262391	40.025	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	273168	40.383	ng	98
31) Naphthalene	8.151	128	877199	39.103	ng	100
32) Benzoic acid	7.910	122	204787m	41.338	ng	
33) 4-Chloroaniline	8.204	127	392482	40.900	ng	97
34) Hexachlorobutadiene	8.263	225	175714	41.179	ng	97
35) Caprolactam	8.586	113	86308	39.984	ng	99
36) 4-Chloro-3-methylphenol	8.681	107	301639	40.957	ng	96
37) 2-Methylnaphthalene	8.839	142	621547	39.180	ng	99
38) 1-Methylnaphthalene	8.939	142	569623	38.624	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	279757	40.283	ng	100
41) Hexachlorocyclopentadiene	8.992	237	116799	35.450	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	190299	40.253	ng	100

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44) 2,4,5-Trichlorophenol	9.163	196	220615	39.672	ng	98
46) 1,1'-Biphenyl	9.310	154	740367	39.374	ng	99
47) 2-Chloronaphthalene	9.333	162	552114	40.131	ng	98
48) 2-Nitroaniline	9.433	65	206110	41.107	ng	97
49) Acenaphthylene	9.751	152	944407	40.184	ng	99
50) Dimethylphthalate	9.610	163	665491	39.110	ng	100
51) 2,6-Dinitrotoluene	9.675	165	151074	41.221	ng	88
52) Acenaphthene	9.922	154	544588	39.934	ng	100
53) 3-Nitroaniline	9.851	138	184288	41.915	ng	92
54) 2,4-Dinitrophenol	9.957	184	82839	41.112	ng	97
55) Dibenzofuran	10.098	168	842245	39.519	ng	98
56) 4-Nitrophenol	10.010	139	122084	39.696	ng	98
57) 2,4-Dinitrotoluene	10.080	165	201006	41.530	ng	88
58) Fluorene	10.439	166	650225	39.215	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.216	232	173602	39.577	ng	98
60) Diethylphthalate	10.310	149	679703	38.341	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	313880	39.281	ng	95
62) 4-Nitroaniline	10.469	138	182088	41.094	ng	98
63) Azobenzene	10.592	77	661745	39.462	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	115670	45.684	ng	80
66) n-Nitrosodiphenylamine	10.551	169	586452	39.524	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	194991	39.503	ng	93
68) Hexachlorobenzene	10.986	284	213955	40.823	ng	96
69) Atrazine	11.080	200	150951	36.779	ng	99
70) Pentachlorophenol	11.186	266	123074	39.275	ng	95
71) Phenanthrene	11.404	178	928393	39.710	ng	99
72) Anthracene	11.457	178	978062	40.221	ng	100
73) Carbazole	11.616	167	913479	41.041	ng	99
74) Di-n-butylphthalate	11.945	149	1029398	38.892	ng	99
75) Fluoranthene	12.604	202	1037271	41.039	ng	99
77) Benzidine	12.727	184	288902	42.790	ng	99
78) Pyrene	12.833	202	1054692	39.940	ng	99
80) Butylbenzylphthalate	13.457	149	391097	39.490	ng	95
81) Benzo(a)anthracene	14.033	228	776727	39.471	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	242536	38.902	ng	99
83) Chrysene	14.068	228	751508	39.429	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	437085	38.408	ng	98
85) Di-n-octyl phthalate	14.639	149	629363	37.638	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	816535	46.177	ng	99
88) Benzo(b)fluoranthene	15.098	252	610359	40.733	ng	99
89) Benzo(k)fluoranthene	15.133	252	597746	39.180	ng	98
90) Benzo(a)pyrene	15.480	252	588113	40.588	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	646722	44.777	ng	98
92) Benzo(g,h,i)perylene	17.568	276	623499	41.862	ng	98

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

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