Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134163.D
Acq On : 09 Jul 2023 00:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 09 00:42:22 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	167584	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	623095	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	316872	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	608217	20.000	ng		0.00
76) Chrysene-d12	14.045	240	349490	20.000	ng		0.00
86) Perylene-d12	15.545	264	297883	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	781101	77.967	ng		0.00
7) Phenol-d6	6.492	99	975555	79.181	ng		0.00
23) Nitrobenzene-d5	7.416	82	926408	80.146	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	315414	79.391	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1647405	75.587	ng		0.00
79) Terphenyl-d14	12.980	244	1724998	79.437	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	147540	35.716	ng		97
3) Pyridine	3.416	79	420447	39.075	ng		98
4) n-Nitrosodimethylamine	3.393	42	228576	37.195	ng		99
6) Aniline	6.522	93	619015	41.288	ng		99
8) 2-Chlorophenol	6.639	128	380863	37.450	ng		94
9) Benzaldehyde	6.404	77	279224	41.714	ng		99
10) Phenol	6.504	94	507663	39.189	ng		95
11) bis(2-Chloroethyl)ether	6.592	93	388741	40.761	ng		98
12) 1,3-Dichlorobenzene	6.786	146	412649	38.059	ng		98
13) 1,4-Dichlorobenzene	6.863	146	419560	38.312	ng		98
14) 1,2-Dichlorobenzene	7.022	146	390881	38.112	ng		98
15) Benzyl Alcohol	6.992	79	367324	38.674	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	653297	38.720	ng		98
17) 2-Methylphenol	7.104	107	363461	39.910	ng		99
18) Hexachloroethane	7.357	117	164574	40.530	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	306745	39.259	ng		97
20) 3+4-Methylphenols	7.257	107	427368	38.682	ng	#	86
22) Acetophenone	7.263	105	552178	38.966	ng		97
24) Nitrobenzene	7.433	77	476416	40.787	ng		96
25) Isophorone	7.669	82	822377	39.146	ng		98
26) 2-Nitrophenol	7.745	139	240505	42.921	ng		98
27) 2,4-Dimethylphenol	7.786	122	355361	40.064	ng		98
28) bis(2-Chloroethoxy)met...	7.880	93	494129	40.622	ng		98
29) 2,4-Dichlorophenol	7.986	162	344413	39.158	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	364080	40.117	ng		98
31) Naphthalene	8.151	128	1146459	38.092	ng		99
32) Benzoic acid	7.922	122	266680m	40.124	ng		
33) 4-Chloroaniline	8.204	127	503755	39.128	ng		98
34) Hexachlorobutadiene	8.263	225	233394	40.768	ng		100
35) Caprolactam	8.592	113	113809	39.298	ng		96
36) 4-Chloro-3-methylphenol	8.686	107	393289	39.803	ng		100
37) 2-Methylnaphthalene	8.839	142	822305	38.636	ng		99
38) 1-Methylnaphthalene	8.939	142	762573	38.541	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	377970	40.262	ng		100
41) Hexachlorocyclopentadiene	8.992	237	145574	32.686	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	249356	39.019	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	292055	38.851	ng		97
46) 1,1'-Biphenyl	9.310	154	937800	36.895	ng		97
47) 2-Chloronaphthalene	9.333	162	700990	37.692	ng		97
48) 2-Nitroaniline	9.433	65	262155	38.678	ng		99
49) Acenaphthylene	9.751	152	1189081	37.428	ng		99
50) Dimethylphthalate	9.616	163	903039	39.259	ng		100
51) 2,6-Dinitrotoluene	9.680	165	199514	40.272	ng		96
52) Acenaphthene	9.922	154	709629	38.495	ng		99
53) 3-Nitroaniline	9.851	138	228928	38.518	ng		99
54) 2,4-Dinitrophenol	9.957	184	94923	35.439	ng		98
55) Dibenzofuran	10.092	168	1076761	37.374	ng		98
56) 4-Nitrophenol	10.010	139	149464	35.952	ng		95
57) 2,4-Dinitrotoluene	10.086	165	252283	38.560	ng		91
58) Fluorene	10.439	166	824407	36.781	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	229147	38.645	ng		97
60) Diethylphthalate	10.310	149	942241	39.318	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	411409	38.088	ng		96
62) 4-Nitroaniline	10.469	138	227255	37.941	ng		99
63) Azobenzene	10.592	77	878111	38.737	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	141051	42.537	ng		96
66) n-Nitrosodiphenylamine	10.551	169	751856	38.690	ng		97
67) 4-Bromophenyl-phenylether	10.921	248	262753	40.645	ng		95
68) Hexachlorobenzene	10.986	284	278513	40.577	ng		98
69) Atrazine	11.080	200	222579	41.408	ng		98
70) Pentachlorophenol	11.186	266	155283	37.837	ng		98
71) Phenanthrene	11.410	178	1146073	37.431	ng		100
72) Anthracene	11.463	178	1212618	38.076	ng		100
73) Carbazole	11.616	167	1101714	37.795	ng		100
74) Di-n-butylphthalate	11.945	149	1443683	41.647	ng		99
75) Fluoranthene	12.604	202	1249129	37.736	ng		98
77) Benzidine	12.727	184	365740	43.981	ng		99
78) Pyrene	12.833	202	1163167	35.762	ng		100
80) Butylbenzylphthalate	13.457	149	560325	45.935	ng		95
81) Benzo(a)anthracene	14.033	228	929078	38.332	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	304657	39.674	ng	#	98
83) Chrysene	14.068	228	903698	38.495	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	736053	52.513	ng		100
85) Di-n-octyl phthalate	14.639	149	1082379	52.554	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	848361	41.043	ng		99
88) Benzo(b)fluoranthene	15.104	252	753310	43.008	ng		100
89) Benzo(k)fluoranthene	15.133	252	756413	42.415	ng		99
90) Benzo(a)pyrene	15.480	252	670701	39.598	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	704644	41.737	ng		98
92) Benzo(g,h,i)perylene	17.568	276	645317	37.065	ng		98

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

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