Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132732.D
Acq On : 10 Mar 2023 10:09
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

Quant Time: Mar 10 11:09:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.981	152	288641	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	1005868	20.000	ng		0.00
39) Acenaphthene-d10	10.033	164	514327	20.000	ng		0.00
64) Phenanthrene-d10	11.527	188	913306	20.000	ng		0.00
76) Chrysene-d12	14.186	240	521773	20.000	ng		0.00
86) Perylene-d12	15.727	264	450736	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	1358067	76.361	ng		0.00
7) Phenol-d6	6.616	99	1735557	74.774	ng		0.00
23) Nitrobenzene-d5	7.551	82	1577178	74.392	ng		0.00
42) 2,4,6-Tribromophenol	10.827	330	437867	78.831	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	2429347	71.921	ng		0.00
79) Terphenyl-d14	13.115	244	2619532	84.883	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	352703	35.852	ng		96
3) Pyridine	3.610	79	975341	37.350	ng		95
4) n-Nitrosodimethylamine	3.587	42	349741	35.457	ng		85
6) Aniline	6.651	93	1241418	39.743	ng		97
8) 2-Chlorophenol	6.769	128	711992	38.573	ng		99
9) Benzaldehyde	6.534	77	464477	37.086	ng		99
10) Phenol	6.634	94	1001938	37.652	ng		99
11) bis(2-Chloroethyl)ether	6.716	93	817506	39.795	ng		97
12) 1,3-Dichlorobenzene	6.922	146	756012	38.167	ng		99
13) 1,4-Dichlorobenzene	6.998	146	758424	38.345	ng		99
14) 1,2-Dichlorobenzene	7.157	146	678584	35.749	ng		98
15) Benzyl Alcohol	7.128	79	672092	37.598	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.251	45	961760	36.714	ng		95
17) 2-Methylphenol	7.234	107	652539	37.879	ng		98
18) Hexachloroethane	7.492	117	304380	39.391	ng		99
19) n-Nitroso-di-n-propyla...	7.398	70	481450	33.704	ng		94
20) 3+4-Methylphenols	7.392	107	709783	31.892	ng		96
22) Acetophenone	7.398	105	914210	36.044	ng	#	86
24) Nitrobenzene	7.569	77	854043	37.666	ng		97
25) Isophorone	7.804	82	1586190	39.023	ng		100
26) 2-Nitrophenol	7.886	139	402584	40.241	ng		93
27) 2,4-Dimethylphenol	7.916	122	615047	38.953	ng		99
28) bis(2-Chloroethoxy)met...	8.010	93	955859	40.199	ng		99
29) 2,4-Dichlorophenol	8.128	162	622345	39.623	ng		98
30) 1,2,4-Trichlorobenzene	8.210	180	678832	39.802	ng		97
31) Naphthalene	8.292	128	1940318	37.680	ng		100
32) Benzoic acid	8.051	122	437854m	36.214	ng		
33) 4-Chloroaniline	8.339	127	890474	40.354	ng		96
34) Hexachlorobutadiene	8.398	225	447418	41.283	ng		99
35) Caprolactam	8.728	113	199359m	38.500	ng		
36) 4-Chloro-3-methylphenol	8.822	107	667711	38.710	ng		96
37) 2-Methylnaphthalene	8.980	142	1338241	38.135	ng		100
38) 1-Methylnaphthalene	9.080	142	1250065	38.117	ng		98
40) 1,2,4,5-Tetrachloroben...	9.151	216	701000	41.658	ng		99
41) Hexachlorocyclopentadiene	9.133	237	359102	39.345	ng		100
43) 2,4,6-Trichlorophenol	9.263	196	461105	40.434	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.304	196	525532	39.484	ng	96
46) 1,1'-Biphenyl	9.445	154	1517530	38.982	ng	98
47) 2-Chloronaphthalene	9.475	162	1208942	39.170	ng	99
48) 2-Nitroaniline	9.575	65	411825	36.229	ng	91
49) Acenaphthylene	9.892	152	1841249	37.484	ng	100
50) Dimethylphthalate	9.745	163	1482001	39.573	ng	100
51) 2,6-Dinitrotoluene	9.816	165	329454	38.629	ng	93
52) Acenaphthene	10.069	154	1174714m	37.661	ng	
53) 3-Nitroaniline	9.986	138	363323	38.082	ng	98
54) 2,4-Dinitrophenol	10.092	184	172513	33.203	ng	98
55) Dibenzofuran	10.239	168	1705003	37.496	ng	98
56) 4-Nitrophenol	10.151	139	236524	33.243	ng	91
57) 2,4-Dinitrotoluene	10.222	165	429233	37.830	ng	96
58) Fluorene	10.580	166	1309579	37.651	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	386136	39.054	ng	98
60) Diethylphthalate	10.445	149	1396511	38.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.569	204	710548	39.379	ng	96
62) 4-Nitroaniline	10.610	138	346620	37.012	ng	96
63) Azobenzene	10.733	77	1431123	36.946	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	262670	42.485	ng	99
66) n-Nitrosodiphenylamine	10.692	169	1166162	40.957	ng	98
67) 4-Bromophenyl-phenylether	11.063	248	446393	43.209	ng	98
68) Hexachlorobenzene	11.133	284	463728	42.659	ng	97
69) Atrazine	11.216	200	373770	42.049	ng	100
70) Pentachlorophenol	11.327	266	253179	39.146	ng	97
71) Phenanthrene	11.551	178	1831197	38.703	ng	100
72) Anthracene	11.604	178	1894679	38.887	ng	99
73) Carbazole	11.757	167	1659365	37.775	ng	100
74) Di-n-butylphthalate	12.074	149	2147136	41.669	ng	100
75) Fluoranthene	12.751	202	1987326	38.422	ng	98
77) Benzidine	12.863	184	598444	47.116	ng	99
78) Pyrene	12.980	202	1974583	41.624	ng	100
80) Butylbenzylphthalate	13.586	149	827544	44.206	ng	99
81) Benzo(a)anthracene	14.174	228	1558915	39.931	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	422919	36.744	ng	99
83) Chrysene	14.215	228	1465378	40.139	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	1021811	44.433	ng	99
85) Di-n-octyl phthalate	14.762	149	1566067	46.602	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1387831	46.991	ng	99
88) Benzo(b)fluoranthene	15.268	252	1290530	42.724	ng	98
89) Benzo(k)fluoranthene	15.298	252	1128360	38.169	ng	99
90) Benzo(a)pyrene	15.662	252	1148689	40.632	ng	99
91) Dibenzo(a,h)anthracene	17.339	278	1147973	47.706	ng	98
92) Benzo(g,h,i)perylene	17.815	276	1196054	44.117	ng	99

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

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