Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136711.D
Acq On : 26 Dec 2023 10:44
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 26 11:09:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	77604	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	293090	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	144471	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	268447	20.000	ng		0.00
76) Chrysene-d12	13.968	240	141860	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	130240	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	405151	81.459	ng		0.00
7) Phenol-d6	6.440	99	505812	78.485	ng		0.00
23) Nitrobenzene-d5	7.351	82	461446	80.565	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	139076	81.739	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	868159	80.823	ng		0.00
79) Terphenyl-d14	12.910	244	847235	83.461	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	81828	39.486	ng		97
3) Pyridine	3.299	79	204049	40.356	ng		96
4) n-Nitrosodimethylamine	3.269	42	107555	39.833	ng		97
6) Aniline	6.457	93	241437	37.470	ng	#	66
8) 2-Chlorophenol	6.581	128	217899	40.034	ng		94
9) Benzaldehyde	6.345	77	139639	38.093	ng		97
10) Phenol	6.451	94	261669	38.035	ng		92
11) bis(2-Chloroethyl)ether	6.528	93	202939	38.788	ng		99
12) 1,3-Dichlorobenzene	6.728	146	239751	40.378	ng		99
13) 1,4-Dichlorobenzene	6.804	146	240439	39.631	ng		98
14) 1,2-Dichlorobenzene	6.957	146	223809	39.645	ng		98
15) Benzyl Alcohol	6.934	79	173269	39.852	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	321803	37.620	ng		90
17) 2-Methylphenol	7.051	107	172011	38.148	ng		98
18) Hexachloroethane	7.292	117	89042	40.413	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	147819	37.837	ng		98
20) 3+4-Methylphenols	7.204	107	217572	38.623	ng	#	75
22) Acetophenone	7.198	105	295424	40.214	ng		95
24) Nitrobenzene	7.375	77	233356	40.671	ng		94
25) Isophorone	7.610	82	401991	38.571	ng		99
26) 2-Nitrophenol	7.686	139	112850	41.109	ng		99
27) 2,4-Dimethylphenol	7.728	122	133013	39.800	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	249438	39.374	ng		99
29) 2,4-Dichlorophenol	7.934	162	174289	40.508	ng		96
30) 1,2,4-Trichlorobenzene	8.010	180	196178	40.923	ng		99
31) Naphthalene	8.086	128	648954	40.304	ng		100
32) Benzoic acid	7.863	122	132685m	41.033	ng		
33) 4-Chloroaniline	8.139	127	223076	37.523	ng		99
34) Hexachlorobutadiene	8.198	225	118617	40.726	ng		98
35) Caprolactam	8.522	113	53414	37.632	ng		98
36) 4-Chloro-3-methylphenol	8.628	107	188455	38.907	ng		96
37) 2-Methylnaphthalene	8.781	142	403639	38.952	ng		99
38) 1-Methylnaphthalene	8.881	142	395565	38.909	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	188339	42.095	ng		99
41) Hexachlorocyclopentadiene	8.928	237	45684	34.961	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	121040	42.183	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	134311	42.005	ng		99
46) 1,1'-Biphenyl	9.245	154	496694	40.970	ng		100
47) 2-Chloronaphthalene	9.269	162	377664	40.978	ng		99
48) 2-Nitroaniline	9.369	65	119771	41.500	ng		98
49) Acenaphthylene	9.686	152	580991	41.243	ng		99
50) Dimethylphthalate	9.551	163	419506	39.754	ng		100
51) 2,6-Dinitrotoluene	9.616	165	96867	40.447	ng		98
52) Acenaphthene	9.857	154	351953	40.305	ng		99
53) 3-Nitroaniline	9.786	138	102235	40.298	ng		89
54) 2,4-Dinitrophenol	9.892	184	48274	38.407	ng	#	81
55) Dibenzofuran	10.028	168	528579	39.932	ng		99
56) 4-Nitrophenol	9.957	139	67998	39.705	ng		99
57) 2,4-Dinitrotoluene	10.022	165	124023	39.891	ng		97
58) Fluorene	10.375	166	420856	40.070	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100343	40.767	ng		100
60) Diethylphthalate	10.251	149	429813	39.256	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	203488	39.859	ng		98
62) 4-Nitroaniline	10.404	138	95283m	38.960	ng		
63) Azobenzene	10.527	77	403738	39.480	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	68549	44.557	ng		94
66) n-Nitrosodiphenylamine	10.486	169	359970	41.279	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	122475	41.081	ng		99
68) Hexachlorobenzene	10.922	284	139198	41.897	ng		96
69) Atrazine	11.022	200	97514	43.720	ng		98
70) Pentachlorophenol	11.122	266	64046	41.357	ng		98
71) Phenanthrene	11.339	178	571283	41.475	ng		99
72) Anthracene	11.392	178	567503	40.682	ng		99
73) Carbazole	11.551	167	538016	40.908	ng		99
74) Di-n-butylphthalate	11.880	149	642675	40.046	ng		100
75) Fluoranthene	12.533	202	587839	39.898	ng		97
77) Benzidine	12.657	184	146723	35.077	ng		97
78) Pyrene	12.763	202	596048	42.801	ng		100
80) Butylbenzylphthalate	13.386	149	219170	43.252	ng		99
81) Benzo(a)anthracene	13.957	228	411691	41.793	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	120537	43.088	ng		98
83) Chrysene	13.998	228	397974	41.314	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	273571	42.910	ng		99
85) Di-n-octyl phthalate	14.563	149	421160	42.705	ng		100
87) Indeno(1,2,3-cd)pyrene	16.956	276	412243	43.839	ng		99
88) Benzo(b)fluoranthene	15.015	252	348559	40.070	ng		99
89) Benzo(k)fluoranthene	15.045	252	321548	39.120	ng		99
90) Benzo(a)pyrene	15.386	252	298234	40.616	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	341814	44.307	ng		98
92) Benzo(g,h,i)perylene	17.415	276	351383	44.471	ng		99

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

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