Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136688.D
Acq On : 22 Dec 2023 16:28
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 22 17:17:53 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 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	70917	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	271643	20.000	ng	#	0.00
39) Acenaphthene-d10	9.822	164	138856	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	252320	20.000	ng		0.00
76) Chrysene-d12	13.963	240	132822	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	142462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	368155	81.000	ng		0.00
7) Phenol-d6	6.434	99	464084	78.800	ng		0.00
23) Nitrobenzene-d5	7.351	82	429669	80.939	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	127476	77.951	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	846104	81.955	ng		-0.01
79) Terphenyl-d14	12.904	244	773507	81.383	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	74565	39.374	ng		97
3) Pyridine	3.293	79	185755	40.202	ng		99
4) n-Nitrosodimethylamine	3.257	42	99876	40.477	ng		99
6) Aniline	6.451	93	222719	37.824	ng	#	36
8) 2-Chlorophenol	6.575	128	199977	40.205	ng		98
9) Benzaldehyde	6.340	77	131925	39.382	ng		95
10) Phenol	6.451	94	243109	38.669	ng		84
11) bis(2-Chloroethyl)ether	6.528	93	189221	39.576	ng		99
12) 1,3-Dichlorobenzene	6.728	146	219633	40.478	ng		96
13) 1,4-Dichlorobenzene	6.804	146	220162	39.711	ng		98
14) 1,2-Dichlorobenzene	6.957	146	207499	40.221	ng		97
15) Benzyl Alcohol	6.934	79	160445	40.382	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	300896	38.493	ng		96
17) 2-Methylphenol	7.045	107	164231	39.857	ng		98
18) Hexachloroethane	7.293	117	81030	40.244	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	139332	39.027	ng		95
20) 3+4-Methylphenols	7.204	107	205226	39.867	ng	#	57
22) Acetophenone	7.193	105	280373	41.179	ng	#	93
24) Nitrobenzene	7.369	77	218080	41.010	ng		98
25) Isophorone	7.604	82	382374	39.586	ng		99
26) 2-Nitrophenol	7.681	139	105789	41.580	ng		94
27) 2,4-Dimethylphenol	7.722	122	126664	40.893	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	234631	39.961	ng		99
29) 2,4-Dichlorophenol	7.928	162	161634	40.533	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	182392	41.051	ng		98
31) Naphthalene	8.087	128	603453	40.437	ng		98
32) Benzoic acid	7.857	122	121580m	40.567	ng		
33) 4-Chloroaniline	8.140	127	210720	38.243	ng		97
34) Hexachlorobutadiene	8.198	225	111055	41.140	ng		98
35) Caprolactam	8.516	113	50784	38.603	ng		100
36) 4-Chloro-3-methylphenol	8.628	107	176935	39.413	ng		99
37) 2-Methylnaphthalene	8.775	142	386015	40.192	ng		98
38) 1-Methylnaphthalene	8.875	142	374251	39.719	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	177688	41.320	ng		98
41) Hexachlorocyclopentadiene	8.928	237	47538	37.446	ng		96
43) 2,4,6-Trichlorophenol	9.057	196	114256	41.429	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	128634	41.856	ng		98
46) 1,1'-Biphenyl	9.239	154	480494	41.237	ng		99
47) 2-Chloronaphthalene	9.269	162	358898	40.516	ng		97
48) 2-Nitroaniline	9.369	65	111596	40.231	ng		94
49) Acenaphthylene	9.681	152	552192	40.784	ng		100
50) Dimethylphthalate	9.545	163	404470	39.879	ng		100
51) 2,6-Dinitrotoluene	9.610	165	92265	40.083	ng	#	87
52) Acenaphthene	9.857	154	335875	40.019	ng		98
53) 3-Nitroaniline	9.781	138	94984	38.954	ng		97
54) 2,4-Dinitrophenol	9.886	184	45868	38.011	ng	#	80
55) Dibenzofuran	10.028	168	510536	40.129	ng		98
56) 4-Nitrophenol	9.957	139	56106	34.086	ng		95
57) 2,4-Dinitrotoluene	10.016	165	115707	38.721	ng		98
58) Fluorene	10.369	166	404525	40.073	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	95097	40.198	ng		100
60) Diethylphthalate	10.245	149	417662	39.689	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	191329	38.993	ng		99
62) 4-Nitroaniline	10.398	138	83890m	35.688	ng		
63) Azobenzene	10.522	77	385916	39.264	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	61299	42.391	ng		88
66) n-Nitrosodiphenylamine	10.486	169	341313	41.641	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	118453	42.271	ng		94
68) Hexachlorobenzene	10.922	284	133461	42.738	ng		97
69) Atrazine	11.016	200	76657	36.566	ng		100
70) Pentachlorophenol	11.116	266	56402	38.749	ng		98
71) Phenanthrene	11.333	178	528357	40.810	ng		99
72) Anthracene	11.386	178	533171	40.664	ng		99
73) Carbazole	11.545	167	479205	38.765	ng		99
74) Di-n-butylphthalate	11.880	149	615574	40.809	ng		99
75) Fluoranthene	12.527	202	531618	38.388	ng		97
77) Benzidine	12.657	184	169268	43.221	ng		98
78) Pyrene	12.757	202	533369	40.907	ng		99
80) Butylbenzylphthalate	13.380	149	207475	43.730	ng		95
81) Benzo(a)anthracene	13.951	228	374938	40.652	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	117040	44.684	ng		95
83) Chrysene	13.992	228	372929	41.349	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	272935	45.723	ng		98
85) Di-n-octyl phthalate	14.563	149	461205	49.948	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	437587	42.542	ng		99
88) Benzo(b)fluoranthene	15.010	252	365684	38.432	ng		99
89) Benzo(k)fluoranthene	15.039	252	341854	38.022	ng		99
90) Benzo(a)pyrene	15.380	252	324447	40.395	ng		98
91) Dibenzo(a,h)anthracene	16.957	278	362746	42.987	ng		98
92) Benzo(g,h,i)perylene	17.398	276	367172	42.482	ng		99

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

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