Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136785.D
Acq On : 28 Dec 2023 10:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 10:27:02 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 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	81200	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	309429	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	150313	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	273628	20.000	ng		0.00
76) Chrysene-d12	13.968	240	135987	20.000	ng		0.00
86) Perylene-d12	15.451	264	139233	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	426952	82.040	ng		0.00
7) Phenol-d6	6.440	99	532873	79.022	ng		0.00
23) Nitrobenzene-d5	7.351	82	480292	79.427	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	140105	79.143	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	898663	80.411	ng		0.00
79) Terphenyl-d14	12.910	244	806051	82.834	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	84315	38.884	ng		99
3) Pyridine	3.299	79	210936	39.870	ng		95
4) n-Nitrosodimethylamine	3.275	42	109945	38.915	ng		99
6) Aniline	6.457	93	257099	38.134	ng		92
8) 2-Chlorophenol	6.581	128	228802	40.175	ng		92
9) Benzaldehyde	6.345	77	150481	39.233	ng		99
10) Phenol	6.451	94	284831	39.568	ng		94
11) bis(2-Chloroethyl)ether	6.528	93	211278	38.594	ng		99
12) 1,3-Dichlorobenzene	6.728	146	251928	40.550	ng		98
13) 1,4-Dichlorobenzene	6.804	146	252738	39.814	ng		97
14) 1,2-Dichlorobenzene	6.957	146	233336	39.502	ng		99
15) Benzyl Alcohol	6.934	79	181351	39.863	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	334211	37.341	ng		80
17) 2-Methylphenol	7.051	107	181329	38.433	ng		97
18) Hexachloroethane	7.292	117	92237	40.009	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	150266	36.760	ng		97
20) 3+4-Methylphenols	7.204	107	223357	37.894	ng	#	70
22) Acetophenone	7.198	105	305052	39.332	ng		96
24) Nitrobenzene	7.369	77	246267	40.655	ng		99
25) Isophorone	7.610	82	418234	38.011	ng		99
26) 2-Nitrophenol	7.687	139	118296	40.818	ng		95
27) 2,4-Dimethylphenol	7.722	122	139833	39.631	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	259364	38.779	ng		99
29) 2,4-Dichlorophenol	7.928	162	180737	39.789	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	205834	40.670	ng		98
31) Naphthalene	8.086	128	671245	39.487	ng		100
32) Benzoic acid	7.863	122	133743m	39.176	ng		
33) 4-Chloroaniline	8.139	127	236207	37.634	ng		97
34) Hexachlorobutadiene	8.198	225	121301	39.448	ng		98
35) Caprolactam	8.522	113	53628	35.787	ng		95
36) 4-Chloro-3-methylphenol	8.628	107	193040	37.749	ng		99
37) 2-Methylnaphthalene	8.775	142	418498	38.253	ng		99
38) 1-Methylnaphthalene	8.875	142	410299	38.227	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	195054	41.901	ng		99
41) Hexachlorocyclopentadiene	8.928	237	41211	30.964	ng		100
43) 2,4,6-Trichlorophenol	9.063	196	126156	42.257	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	137806	41.423	ng		96
46) 1,1'-Biphenyl	9.245	154	516805	40.972	ng		99
47) 2-Chloronaphthalene	9.269	162	397460	41.450	ng		99
48) 2-Nitroaniline	9.369	65	120843	40.244	ng		99
49) Acenaphthylene	9.686	152	597505	40.767	ng		100
50) Dimethylphthalate	9.551	163	440316	40.104	ng		100
51) 2,6-Dinitrotoluene	9.616	165	99875	40.082	ng		98
52) Acenaphthene	9.857	154	362709	39.922	ng		99
53) 3-Nitroaniline	9.786	138	102290	38.753	ng		93
54) 2,4-Dinitrophenol	9.892	184	46231	35.649	ng	#	84
55) Dibenzofuran	10.028	168	545595	39.616	ng		99
56) 4-Nitrophenol	9.957	139	65134	36.554	ng		98
57) 2,4-Dinitrotoluene	10.022	165	126023	38.959	ng		99
58) Fluorene	10.375	166	431888	39.522	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100211	39.131	ng		97
60) Diethylphthalate	10.245	149	441581	38.764	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	211354	39.791	ng		99
62) 4-Nitroaniline	10.404	138	93787m	36.858	ng		
63) Azobenzene	10.528	77	412736	38.792	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	66881	42.649	ng		95
66) n-Nitrosodiphenylamine	10.486	169	371844	41.833	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	127813	42.060	ng		98
68) Hexachlorobenzene	10.922	284	142336	42.030	ng		95
69) Atrazine	11.016	200	90711	39.900	ng		99
70) Pentachlorophenol	11.122	266	64054	40.579	ng		98
71) Phenanthrene	11.339	178	568570	40.496	ng		99
72) Anthracene	11.392	178	576618	40.553	ng		99
73) Carbazole	11.551	167	531816	39.671	ng		99
74) Di-n-butylphthalate	11.880	149	644595	39.405	ng		100
75) Fluoranthene	12.533	202	573509	38.188	ng		97
77) Benzidine	12.657	184	168051	41.911	ng		99
78) Pyrene	12.763	202	565422	42.356	ng		99
80) Butylbenzylphthalate	13.386	149	196976	40.551	ng		97
81) Benzo(a)anthracene	13.963	228	384247	40.692	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	119548	44.580	ng	#	98
83) Chrysene	13.998	228	370206	40.091	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	252248	41.274	ng	#	97
85) Di-n-octyl phthalate	14.568	149	403396	42.671	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	461194	45.877	ng		99
88) Benzo(b)fluoranthene	15.015	252	364038	39.146	ng		99
89) Benzo(k)fluoranthene	15.051	252	332624	37.853	ng		98
90) Benzo(a)pyrene	15.392	252	322040	41.025	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	374347	45.390	ng		97
92) Benzo(g,h,i)perylene	17.427	276	393423	46.575	ng		99

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

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