Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134817.D
Acq On : 17 Aug 2023 11:11
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 01:03:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	181206	20.000	ng		0.00
21) Naphthalene-d8	8.080	136	695299	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	348988	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	629577	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	286143	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	370077	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	838932	70.376	ng		0.00
7) Phenol-d6	6.445	99	1065421	69.917	ng		0.00
23) Nitrobenzene-d5	7.369	82	930187	83.604	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	308846	86.813	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1603511	76.397	ng		0.00
79) Terphenyl-d14	12.921	244	1587305	97.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	187545	34.194	ng	#	93
3) Pyridine	3.316	79	511562	34.421	ng		89
4) n-Nitrosodimethylamine	3.281	42	221993	31.261	ng	#	63
6) Aniline	6.469	93	664908	33.267	ng		93
8) 2-Chlorophenol	6.592	128	443770	36.904	ng		93
9) Benzaldehyde	6.357	77	280135	37.265	ng		96
10) Phenol	6.457	94	531302m	35.381	ng		
11) bis(2-Chloroethyl)ether	6.545	93	437372	36.664	ng		92
12) 1,3-Dichlorobenzene	6.745	146	465962m	37.452	ng		
13) 1,4-Dichlorobenzene	6.822	146	465827	37.358	ng		97
14) 1,2-Dichlorobenzene	6.975	146	433148	37.283	ng		95
15) Benzyl Alcohol	6.945	79	380099	36.157	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	645527	34.541	ng		90
17) 2-Methylphenol	7.057	107	387393	36.456	ng		93
18) Hexachloroethane	7.310	117	170383	38.933	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	303574	33.274	ng	#	91
20) 3+4-Methylphenols	7.210	107	440438	34.369	ng	#	85
22) Acetophenone	7.216	105	549823	34.254	ng	#	91
24) Nitrobenzene	7.386	77	470992	39.184	ng		95
25) Isophorone	7.628	82	863345	35.577	ng		98
26) 2-Nitrophenol	7.698	139	242910	47.542	ng	#	90
27) 2,4-Dimethylphenol	7.739	122	386248	35.672	ng		86
28) bis(2-Chloroethoxy)met...	7.833	93	524082	36.102	ng		99
29) 2,4-Dichlorophenol	7.939	162	369392	37.588	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	398807	38.055	ng		98
31) Naphthalene	8.104	128	1273893	36.455	ng		99
32) Benzoic acid	7.875	122	306472	44.146	ng		92
33) 4-Chloroaniline	8.157	127	532811	34.220	ng		96
34) Hexachlorobutadiene	8.216	225	235322	38.929	ng		96
35) Caprolactam	8.539	113	124890	39.390	ng	#	85
36) 4-Chloro-3-methylphenol	8.639	107	392898	37.751	ng		91
37) 2-Methylnaphthalene	8.792	142	856163	36.963	ng		99
38) 1-Methylnaphthalene	8.892	142	795135	36.917	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	404593	39.868	ng		99
41) Hexachlorocyclopentadiene	8.945	237	166294	33.697	ng		95
43) 2,4,6-Trichlorophenol	9.075	196	264203	39.780	ng		96

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44) 2,4,5-Trichlorophenol	9.116	196	302146	39.804	ng		92
46) 1,1'-Biphenyl	9.263	154	1022531	37.678	ng		99
47) 2-Chloronaphthalene	9.286	162	771218	37.926	ng		98
48) 2-Nitroaniline	9.380	65	260247	41.509	ng		94
49) Acenaphthylene	9.698	152	1197874	37.476	ng		99
50) Dimethylphthalate	9.569	163	935545	39.332	ng		99
51) 2,6-Dinitrotoluene	9.627	165	211203	43.579	ng	#	84
52) Acenaphthene	9.874	154	803626m	38.796	ng		
53) 3-Nitroaniline	9.798	138	232868	43.924	ng		97
54) 2,4-Dinitrophenol	9.904	184	98542	58.241	ng		86
55) Dibenzofuran	10.045	168	1083587	36.747	ng		96
56) 4-Nitrophenol	9.957	139	161933	37.345	ng	#	79
57) 2,4-Dinitrotoluene	10.033	165	267011	45.517	ng	#	86
58) Fluorene	10.392	166	814205	37.908	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.163	232	245195	40.829	ng		97
60) Diethylphthalate	10.269	149	873474	38.742	ng		96
61) 4-Chlorophenyl-phenyle...	10.380	204	411064	38.937	ng		97
62) 4-Nitroaniline	10.410	138	215034	41.381	ng		85
63) Azobenzene	10.545	77	872826	36.032	ng		96
65) 4,6-Dinitro-2-methylph...	10.445	198	144926	55.331	ng	#	72
66) n-Nitrosodiphenylamine	10.504	169	757353	37.794	ng		98
67) 4-Bromophenyl-phenylether	10.874	248	274850	39.880	ng		92
68) Hexachlorobenzene	10.933	284	293981	40.395	ng		99
69) Atrazine	11.033	200	205044	37.963	ng		97
70) Pentachlorophenol	11.133	266	185804	41.234	ng		97
71) Phenanthrene	11.351	178	1217290	36.402	ng		100
72) Anthracene	11.404	178	1233035	36.098	ng		98
73) Carbazole	11.563	167	1033647	33.892	ng		99
74) Di-n-butylphthalate	11.898	149	1271930	39.255	ng		99
75) Fluoranthene	12.545	202	1194103	33.805	ng		97
77) Benzidine	12.668	184	110342	17.764	ng		98
78) Pyrene	12.774	202	1171740	47.323	ng		97
80) Butylbenzylphthalate	13.398	149	389646	46.538	ng		95
81) Benzo(a)anthracene	13.968	228	719877	35.184	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	231897	39.101	ng	#	97
83) Chrysene	14.004	228	713029	35.769	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	421946	42.824	ng		98
85) Di-n-octyl phthalate	14.580	149	700903	46.779	ng	#	87
87) Indeno(1,2,3-cd)pyrene	16.950	276	984983	45.255	ng	#	92
88) Benzo(b)fluoranthene	15.015	252	787154m	34.875	ng		
89) Benzo(k)fluoranthene	15.051	252	730731	32.500	ng		97
90) Benzo(a)pyrene	15.386	252	773930	36.776	ng	#	96
91) Dibenzo(a,h)anthracene	16.974	278	807620	45.914	ng	#	95
92) Benzo(g,h,i)perylene	17.409	276	833386	46.447	ng	#	93

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

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