Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134796.D
Acq On : 16 Aug 2023 08:13
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 17 01:28:18 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 :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/17/2023
Supervised By :mohammad ahmed
08/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	187982	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	719758	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	369853	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	658926	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	385294	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	353370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	849551	68.698	ng		0.00
7) Phenol-d6	6.439	99	1086921	68.757	ng		0.00
23) Nitrobenzene-d5	7.369	82	957323	83.119	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	326596	86.623	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1699065	76.382	ng		0.00
79) Terphenyl-d14	12.921	244	1817978	83.179	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	188500	33.130	ng	#	93
3) Pyridine	3.316	79	516211	33.481	ng		90
4) n-Nitrosodimethylamine	3.287	42	222423	30.193	ng	#	58
6) Aniline	6.469	93	692709	33.409	ng		92
8) 2-Chlorophenol	6.587	128	456510	36.595	ng		97
9) Benzaldehyde	6.357	77	284480	36.082	ng		95
10) Phenol	6.451	94	541295m	34.747	ng		
11) bis(2-Chloroethyl)ether	6.545	93	437917	35.387	ng		92
12) 1,3-Dichlorobenzene	6.739	146	479668	37.164	ng		97
13) 1,4-Dichlorobenzene	6.816	146	479307	37.054	ng		98
14) 1,2-Dichlorobenzene	6.969	146	442453	36.711	ng		97
15) Benzyl Alcohol	6.945	79	385189	35.320	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	671049	34.612	ng		91
17) 2-Methylphenol	7.057	107	395370	35.866	ng		92
18) Hexachloroethane	7.310	117	177000	38.987	ng		92
19) n-Nitroso-di-n-propyla...	7.222	70	317464	33.542	ng	#	87
20) 3+4-Methylphenols	7.210	107	452609	34.045	ng	#	85
22) Acetophenone	7.216	105	567882	34.176	ng	#	85
24) Nitrobenzene	7.386	77	483449	38.853	ng		93
25) Isophorone	7.622	82	899467	35.806	ng		100
26) 2-Nitrophenol	7.698	139	246666	46.728	ng	#	87
27) 2,4-Dimethylphenol	7.734	122	398743	35.574	ng		87
28) bis(2-Chloroethoxy)met...	7.834	93	543448	36.164	ng		99
29) 2,4-Dichlorophenol	7.939	162	387091	38.050	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	423016	38.994	ng		99
31) Naphthalene	8.104	128	1304207	36.054	ng		99
32) Benzoic acid	7.857	122	289282	40.947	ng		91
33) 4-Chloroaniline	8.151	127	573317	35.570	ng		99
34) Hexachlorobutadiene	8.216	225	255904	40.896	ng		99
35) Caprolactam	8.528	113	122245	37.246	ng		92
36) 4-Chloro-3-methylphenol	8.633	107	407193	37.795	ng		94
37) 2-Methylnaphthalene	8.792	142	887316	37.007	ng		99
38) 1-Methylnaphthalene	8.892	142	824334	36.972	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	420199	39.070	ng		99
41) Hexachlorocyclopentadiene	8.945	237	217622	41.610	ng		91
43) 2,4,6-Trichlorophenol	9.069	196	275344	39.119	ng		96

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44) 2,4,5-Trichlorophenol	9.110	196	318992	39.653	ng		94
46) 1,1'-Biphenyl	9.257	154	1069436	37.184	ng		98
47) 2-Chloronaphthalene	9.286	162	798152	37.036	ng		97
48) 2-Nitroaniline	9.380	65	263880	39.851	ng		92
49) Acenaphthylene	9.698	152	1222241	36.081	ng		99
50) Dimethylphthalate	9.563	163	993697	39.420	ng		98
51) 2,6-Dinitrotoluene	9.628	165	221900	43.225	ng	#	76
52) Acenaphthene	9.875	154	819487m	37.330	ng		
53) 3-Nitroaniline	9.792	138	241859	43.046	ng		97
54) 2,4-Dinitrophenol	9.898	184	101247	56.975	ng		93
55) Dibenzofuran	10.045	168	1128096	36.098	ng		94
56) 4-Nitrophenol	9.951	139	168218	36.606	ng	#	79
57) 2,4-Dinitrotoluene	10.027	165	279839	45.044	ng	#	90
58) Fluorene	10.386	166	830218	36.473	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.163	232	253656m	39.855	ng		
60) Diethylphthalate	10.263	149	926127	38.760	ng		97
61) 4-Chlorophenyl-phenyle...	10.380	204	430972	38.519	ng		94
62) 4-Nitroaniline	10.410	138	225826	41.006	ng		86
63) Azobenzene	10.539	77	905715	35.281	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	156134	56.700	ng		85
66) n-Nitrosodiphenylamine	10.498	169	788772	37.609	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	297597	41.257	ng		98
68) Hexachlorobenzene	10.933	284	307501	40.371	ng		98
69) Atrazine	11.027	200	223293	39.500	ng		98
70) Pentachlorophenol	11.127	266	194821	41.309	ng		97
71) Phenanthrene	11.351	178	1281791	36.623	ng		99
72) Anthracene	11.404	178	1326854	37.115	ng		99
73) Carbazole	11.557	167	1120622	35.107	ng		100
74) Di-n-butylphthalate	11.892	149	1408416	41.531	ng		98
75) Fluoranthene	12.539	202	1303286	35.252	ng		96
77) Benzidine	12.663	184	269384	32.208	ng		98
78) Pyrene	12.774	202	1311291	39.331	ng		98
80) Butylbenzylphthalate	13.398	149	516617	45.825	ng	#	96
81) Benzo(a)anthracene	13.968	228	945135	34.306	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	314754	39.414	ng	#	98
83) Chrysene	14.004	228	959692	35.754	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	574982	43.339	ng		98
85) Di-n-octyl phthalate	14.580	149	928295	46.012	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	889382	42.795	ng	#	92
88) Benzo(b)fluoranthene	15.015	252	797018	36.982	ng	#	98
89) Benzo(k)fluoranthene	15.045	252	804308	37.464	ng	#	98
90) Benzo(a)pyrene	15.386	252	762059	37.924	ng	#	98
91) Dibenzo(a,h)anthracene	16.962	278	734283	43.719	ng	#	96
92) Benzo(g,h,i)perylene	17.398	276	733332	42.803	ng	#	93

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

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