Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134783.D
Acq On : 15 Aug 2023 14:18
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 03:10:25 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 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	277992	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	1039533	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	514250	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	902350	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	555523	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	489484	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1238164	67.705	ng		0.00
7) Phenol-d6	6.446	99	1584411	67.775	ng		0.00
23) Nitrobenzene-d5	7.375	82	1374128	82.607	ng		0.00
42) 2,4,6-Tribromophenol	10.634	330	450157	85.870	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2203799	71.254	ng		0.00
79) Terphenyl-d14	12.922	244	2375023	75.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	291918	34.694	ng	#	93
3) Pyridine	3.340	79	796667	34.941	ng	#	87
4) n-Nitrosodimethylamine	3.322	42	352170	32.327	ng	#	56
6) Aniline	6.475	93	1024561	33.414	ng		92
8) 2-Chlorophenol	6.593	128	662557	35.915	ng		95
9) Benzaldehyde	6.357	77	413814	35.207	ng		96
10) Phenol	6.463	94	800242m	34.737	ng		
11) bis(2-Chloroethyl)ether	6.551	93	651799	35.616	ng		91
12) 1,3-Dichlorobenzene	6.746	146	695380	36.432	ng		94
13) 1,4-Dichlorobenzene	6.822	146	695972	36.383	ng		98
14) 1,2-Dichlorobenzene	6.975	146	620271	34.801	ng		97
15) Benzyl Alcohol	6.951	79	542131	33.616	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	967477	33.744	ng		91
17) 2-Methylphenol	7.057	107	584572	35.859	ng		93
18) Hexachloroethane	7.310	117	259701	38.682	ng		94
19) n-Nitroso-di-n-propyla...	7.228	70	459938	32.861	ng		88
20) 3+4-Methylphenols	7.216	107	625539	31.818	ng	#	83
22) Acetophenone	7.216	105	797860	33.246	ng	#	94
24) Nitrobenzene	7.393	77	700382	38.973	ng		93
25) Isophorone	7.628	82	1326149	36.552	ng		100
26) 2-Nitrophenol	7.704	139	366404	47.922	ng	#	83
27) 2,4-Dimethylphenol	7.740	122	578327	35.724	ng		87
28) bis(2-Chloroethoxy)met...	7.840	93	785927	36.212	ng		100
29) 2,4-Dichlorophenol	7.940	162	565249	38.471	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	603617	38.525	ng		98
31) Naphthalene	8.104	128	1834548	35.114	ng		98
32) Benzoic acid	7.881	122	435851	42.376	ng		92
33) 4-Chloroaniline	8.157	127	813668	34.953	ng		98
34) Hexachlorobutadiene	8.222	225	355465	39.332	ng		95
35) Caprolactam	8.545	113	176453m	37.224	ng		
36) 4-Chloro-3-methylphenol	8.640	107	578091	37.152	ng		94
37) 2-Methylnaphthalene	8.798	142	1221597	35.276	ng		100
38) 1-Methylnaphthalene	8.892	142	1138607	35.358	ng		97
40) 1,2,4,5-Tetrachloroben...	8.963	216	578733	38.701	ng		99
41) Hexachlorocyclopentadiene	8.945	237	294653	40.519	ng		91
43) 2,4,6-Trichlorophenol	9.075	196	397792	40.646	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	443000	39.605	ng		92
46) 1,1'-Biphenyl	9.263	154	1424720	35.627	ng		98
47) 2-Chloronaphthalene	9.287	162	1097021	36.611	ng		99
48) 2-Nitroaniline	9.387	65	377340	40.895	ng		87
49) Acenaphthylene	9.704	152	1663510	35.318	ng		99
50) Dimethylphthalate	9.569	163	1347613	38.449	ng		97
51) 2,6-Dinitrotoluene	9.634	165	305551	42.831	ng	#	77
52) Acenaphthene	9.875	154	1114849m	36.524	ng		
53) 3-Nitroaniline	9.804	138	342710	43.868	ng		94
54) 2,4-Dinitrophenol	9.904	184	153626	60.613	ng		91
55) Dibenzofuran	10.045	168	1517021	34.913	ng		96
56) 4-Nitrophenol	9.957	139	247524	38.740	ng	#	77
57) 2,4-Dinitrotoluene	10.034	165	379751	44.031	ng	#	92
58) Fluorene	10.392	166	1088188	34.383	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	358474	40.509	ng		97
60) Diethylphthalate	10.269	149	1238557	37.281	ng		96
61) 4-Chlorophenyl-phenyle...	10.381	204	563962	36.252	ng		96
62) 4-Nitroaniline	10.416	138	333481	43.551	ng		86
63) Azobenzene	10.545	77	1218670	34.142	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	219907	58.068	ng		87
66) n-Nitrosodiphenylamine	10.504	169	1068268	37.195	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	398668	40.360	ng		94
68) Hexachlorobenzene	10.939	284	419891	40.255	ng	#	93
69) Atrazine	11.033	200	315607	40.769	ng		97
70) Pentachlorophenol	11.133	266	273648	42.371	ng		97
71) Phenanthrene	11.357	178	1677635	35.002	ng		99
72) Anthracene	11.410	178	1736874	35.477	ng		98
73) Carbazole	11.563	167	1520031	34.773	ng		100
74) Di-n-butylphthalate	11.898	149	1827231	39.346	ng		99
75) Fluoranthene	12.545	202	1745943	34.486	ng		96
77) Benzidine	12.669	184	370334	30.710	ng		99
78) Pyrene	12.775	202	1759515	36.603	ng		96
80) Butylbenzylphthalate	13.398	149	720418	44.321	ng	#	93
81) Benzo(a)anthracene	13.969	228	1341084	33.761	ng		100
82) 3,3'-Dichlorobenzidine	13.933	252	464308	40.325	ng		97
83) Chrysene	14.010	228	1398197	36.129	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	785333	41.055	ng		98
85) Di-n-octyl phthalate	14.580	149	1306453	44.912	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	1238561	43.024	ng	#	92
88) Benzo(b)fluoranthene	15.016	252	1213578	40.652	ng	#	97
89) Benzo(k)fluoranthene	15.051	252	1113060	37.428	ng		98
90) Benzo(a)pyrene	15.386	252	1081007	38.837	ng	#	96
91) Dibenzo(a,h)anthracene	16.974	278	1014100	43.589	ng	#	97
92) Benzo(g,h,i)perylene	17.404	276	1033319	43.541	ng	#	93

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

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