Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135524.D
Acq On : 02 Oct 2023 13:23
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 02:53:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 30 00:12:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	125377	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	466753	20.000	ng	#	0.00
39) Acenaphthene-d10	9.780	164	232587	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	439545	20.000	ng	#	0.00
76) Chrysene-d12	13.933	240	224747	20.000	ng		0.00
86) Perylene-d12	15.398	264	225682	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	632425	82.041	ng		0.00
7) Phenol-d6	6.392	99	772994	78.861	ng		-0.01
23) Nitrobenzene-d5	7.310	82	701366	81.638	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	153004	66.197	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1133300	73.514	ng		0.00
79) Terphenyl-d14	12.868	244	1141108	78.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.422	88	154912	45.841	ng		93
3) Pyridine	3.175	79	414611	45.587	ng		97
4) n-Nitrosodimethylamine	3.140	42	201920	41.837	ng		96
6) Aniline	6.410	93	494850	38.499	ng	#	50
8) 2-Chlorophenol	6.534	128	329171	40.001	ng		98
9) Benzaldehyde	6.298	77	222386	39.826	ng		95
10) Phenol	6.410	94	421933	39.256	ng	#	67
11) bis(2-Chloroethyl)ether	6.487	93	329319	40.846	ng		99
12) 1,3-Dichlorobenzene	6.681	146	322650	38.580	ng		99
13) 1,4-Dichlorobenzene	6.763	146	325471	38.252	ng		99
14) 1,2-Dichlorobenzene	6.910	146	301746	38.188	ng		99
15) Benzyl Alcohol	6.892	79	250510	35.615	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	578876	38.092	ng		85
17) 2-Methylphenol	7.010	107	276736	38.109	ng		97
18) Hexachloroethane	7.245	117	119386	37.974	ng		91
19) n-Nitroso-di-n-propyla...	7.157	70	222238	36.604	ng		94
20) 3+4-Methylphenols	7.163	107	348365	39.895	ng	#	86
22) Acetophenone	7.157	105	431819	40.466	ng		92
24) Nitrobenzene	7.328	77	360715	42.480	ng		97
25) Isophorone	7.569	82	641885	40.688	ng		97
26) 2-Nitrophenol	7.645	139	172806	42.402	ng		95
27) 2,4-Dimethylphenol	7.686	122	283616	41.402	ng		97
28) bis(2-Chloroethoxy)met...	7.781	93	391250	41.436	ng		99
29) 2,4-Dichlorophenol	7.892	162	255184	40.201	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	258255	38.925	ng		100
31) Naphthalene	8.045	128	906443	39.970	ng		99
32) Benzoic acid	7.822	122	191918	37.205	ng		97
33) 4-Chloroaniline	8.104	127	405150	40.719	ng		99
34) Hexachlorobutadiene	8.157	225	144283	36.065	ng		99
35) Caprolactam	8.475	113	91799	43.091	ng		96
36) 4-Chloro-3-methylphenol	8.592	107	286456	40.604	ng		97
37) 2-Methylnaphthalene	8.739	142	593266	38.918	ng		98
38) 1-Methylnaphthalene	8.833	142	555909	38.951	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	260007	38.587	ng		99
41) Hexachlorocyclopentadiene	8.886	237	107769	40.331	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	172126	39.015	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	195962	38.570	ng		97
46) 1,1'-Biphenyl	9.204	154	708921	39.662	ng		99
47) 2-Chloronaphthalene	9.228	162	516272	39.809	ng		100
48) 2-Nitroaniline	9.333	65	218683	43.405	ng		96
49) Acenaphthylene	9.645	152	835113	38.747	ng		99
50) Dimethylphthalate	9.510	163	612399	38.944	ng		100
51) 2,6-Dinitrotoluene	9.575	165	139523	40.502	ng		99
52) Acenaphthene	9.816	154	506479	39.779	ng		98
53) 3-Nitroaniline	9.751	138	175347	43.363	ng		90
54) 2,4-Dinitrophenol	9.869	184	89508	48.442	ng		96
55) Dibenzofuran	9.986	168	728868	37.514	ng		99
56) 4-Nitrophenol	9.928	139	116431	45.304	ng		96
57) 2,4-Dinitrotoluene	9.986	165	164776	38.207	ng	#	79
58) Fluorene	10.333	166	588187	39.379	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	141312	36.157	ng		99
60) Diethylphthalate	10.210	149	617559	39.131	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	273012	38.051	ng		96
62) 4-Nitroaniline	10.363	138	171882m	44.220	ng		
63) Azobenzene	10.486	77	646771	41.875	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	89784	38.459	ng		95
66) n-Nitrosodiphenylamine	10.445	169	536246	40.298	ng		100
67) 4-Bromophenyl-phenylether	10.816	248	166421	38.069	ng		97
68) Hexachlorobenzene	10.880	284	165948	37.261	ng	#	90
69) Atrazine	10.980	200	135321	37.793	ng		98
70) Pentachlorophenol	11.086	266	102847	38.597	ng		99
71) Phenanthrene	11.298	178	852122	40.990	ng		99
72) Anthracene	11.351	178	878807	41.126	ng		98
73) Carbazole	11.516	167	829542	42.645	ng		99
74) Di-n-butylphthalate	11.839	149	954637	41.648	ng		99
75) Fluoranthene	12.492	202	893952	41.269	ng		98
77) Benzidine	12.621	184	160414	34.840	ng		100
78) Pyrene	12.721	202	886048	41.409	ng		100
80) Butylbenzylphthalate	13.345	149	342699	45.489	ng		96
81) Benzo(a)anthracene	13.921	228	586232	40.395	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	183995	40.590	ng	#	98
83) Chrysene	13.957	228	576637	39.964	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	389077	50.327	ng		99
85) Di-n-octyl phthalate	14.527	149	544149	44.290	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	557250	37.659	ng		96
88) Benzo(b)fluoranthene	14.968	252	485360	39.728	ng	#	98
89) Benzo(k)fluoranthene	14.998	252	441125	36.553	ng	#	97
90) Benzo(a)pyrene	15.333	252	463022	39.743	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	450677	37.224	ng		97
92) Benzo(g,h,i)perylene	17.327	276	472169	37.342	ng		97

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

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