Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136251.D
Acq On : 28 Nov 2023 16:12
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

Supervised By :mohammad ahmed

12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	126466	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	525178	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	263079	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	458594	20.000	ng		0.00
76) Chrysene-d12	13.986	240	222029	20.000	ng		0.00
86) Perylene-d12	15.463	264	238776	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	760623	83.712	ng		0.00
7) Phenol-d6	6.440	99	926615	81.561	ng		0.00
23) Nitrobenzene-d5	7.369	82	846547	85.179	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	260209	80.902	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1734647	84.221	ng		0.00
79) Terphenyl-d14	12.927	244	1568968	81.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	145336	42.274	ng		98
3) Pyridine	3.340	79	357188	42.088	ng		98
4) n-Nitrosodimethylamine	3.305	42	164367	38.315	ng		94
6) Aniline	6.475	93	463287	43.144	ng		96
8) 2-Chlorophenol	6.593	128	409109	41.352	ng		94
9) Benzaldehyde	6.363	77	257993	40.743	ng		96
10) Phenol	6.451	94	508715	41.737	ng		96
11) bis(2-Chloroethyl)ether	6.545	93	361966	40.481	ng		99
12) 1,3-Dichlorobenzene	6.745	146	465984	41.504	ng		98
13) 1,4-Dichlorobenzene	6.822	146	466630	40.884	ng		98
14) 1,2-Dichlorobenzene	6.975	146	442796	40.979	ng		98
15) Benzyl Alcohol	6.945	79	322126	40.440	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	481920	38.802	ng		99
17) 2-Methylphenol	7.057	107	318741	40.980	ng		98
18) Hexachloroethane	7.316	117	163352	40.802	ng		93
19) n-Nitroso-di-n-propyla...	7.222	70	274435	40.388	ng		99
20) 3+4-Methylphenols	7.210	107	410170	40.576	ng	#	90
22) Acetophenone	7.216	105	574556	41.656	ng	#	93
24) Nitrobenzene	7.387	77	427005	42.398	ng		98
25) Isophorone	7.628	82	754582	42.107	ng		97
26) 2-Nitrophenol	7.698	139	195947	45.663	ng		98
27) 2,4-Dimethylphenol	7.740	122	242695	42.969	ng		97
28) bis(2-Chloroethoxy)met...	7.840	93	454123	41.895	ng		98
29) 2,4-Dichlorophenol	7.939	162	328477	43.117	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	395606	42.414	ng		99
31) Naphthalene	8.104	128	1257012	42.583	ng		99
32) Benzoic acid	7.857	122	227098m	44.118	ng		
33) 4-Chloroaniline	8.157	127	427164	42.572	ng		98
34) Hexachlorobutadiene	8.222	225	233746	42.836	ng		98
35) Caprolactam	8.528	113	88458	41.535	ng		92
36) 4-Chloro-3-methylphenol	8.634	107	349165	42.259	ng		100
37) 2-Methylnaphthalene	8.798	142	775041	41.855	ng		100
38) 1-Methylnaphthalene	8.898	142	767915	42.511	ng		95
40) 1,2,4,5-Tetrachloroben...	8.963	216	357555	42.706	ng		99
41) Hexachlorocyclopentadiene	8.951	237	145489	45.160	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	235665	43.366	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	253579	42.759	ng	96
46) 1,1'-Biphenyl	9.263	154	980012	42.243	ng	99
47) 2-Chloronaphthalene	9.286	162	770238	42.752	ng	98
48) 2-Nitroaniline	9.381	65	197183	41.920	ng	97
49) Acenaphthylene	9.704	152	1094081	42.553	ng	100
50) Dimethylphthalate	9.569	163	830243	41.754	ng	100
51) 2,6-Dinitrotoluene	9.628	165	173035	42.597	ng	95
52) Acenaphthene	9.875	154	682199	41.987	ng	99
53) 3-Nitroaniline	9.798	138	165637	41.095	ng	94
54) 2,4-Dinitrophenol	9.898	184	76570	40.529	ng	99
55) Dibenzofuran	10.045	168	1015356	41.996	ng	99
56) 4-Nitrophenol	9.951	139	112189	36.648	ng	96
57) 2,4-Dinitrotoluene	10.033	165	223951	41.273	ng	97
58) Fluorene	10.392	166	776177	40.928	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	196652	41.676	ng	100
60) Diethylphthalate	10.269	149	812218	40.835	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	376334	40.862	ng	97
62) 4-Nitroaniline	10.410	138	148518	37.644	ng	98
63) Azobenzene	10.545	77	740990	40.184	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	109578	43.695	ng	92
66) n-Nitrosodiphenylamine	10.504	169	640876	43.608	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	232688	43.491	ng	92
68) Hexachlorobenzene	10.939	284	270527	43.689	ng	96
69) Atrazine	11.033	200	179780	41.238	ng	98
70) Pentachlorophenol	11.133	266	150611	43.030	ng	98
71) Phenanthrene	11.357	178	1088716	42.239	ng	100
72) Anthracene	11.410	178	1080043	41.785	ng	99
73) Carbazole	11.563	167	851902	38.751	ng	99
74) Di-n-butylphthalate	11.904	149	1126349	40.949	ng	100
75) Fluoranthene	12.551	202	998576	38.163	ng	98
77) Benzidine	12.674	184	230112	63.048	ng	98
78) Pyrene	12.780	202	1007064	41.416	ng	98
80) Butylbenzylphthalate	13.410	149	312222	41.257	ng	98
81) Benzo(a)anthracene	13.974	228	680301	41.251	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	188375	47.452	ng	97
83) Chrysene	14.010	228	665822	41.814	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	401526	44.210	ng	100
85) Di-n-octyl phthalate	14.592	149	693961	47.149	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	707349	40.099	ng	99
88) Benzo(b)fluoranthene	15.033	252	660419	39.423	ng	99
89) Benzo(k)fluoranthene	15.063	252	650638	40.893	ng	99
90) Benzo(a)pyrene	15.404	252	570119	41.631	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	564138	39.869	ng	100
92) Benzo(g,h,i)perylene	17.427	276	565736	39.700	ng	99

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

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