Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136329.D
Acq On : 01 Dec 2023 10:32
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 13:14:48 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 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	116351	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	489416	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	248049	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	437202	20.000	ng		0.00
76) Chrysene-d12	13.992	240	195717	20.000	ng		0.00
86) Perylene-d12	15.474	264	218938	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	674764	80.719	ng		0.00
7) Phenol-d6	6.451	99	838470	80.218	ng		0.00
23) Nitrobenzene-d5	7.375	82	770473	83.190	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	251105	82.802	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1576394	81.175	ng		0.00
79) Terphenyl-d14	12.933	244	1430069	84.283	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	131414	41.547	ng		96
3) Pyridine	3.345	79	327726	41.974	ng		95
4) n-Nitrosodimethylamine	3.310	42	139221	35.274	ng		89
6) Aniline	6.481	93	425565	43.076	ng		95
8) 2-Chlorophenol	6.598	128	369367	40.580	ng		93
9) Benzaldehyde	6.363	77	232403	39.893	ng		97
10) Phenol	6.463	94	455522	40.622	ng		98
11) bis(2-Chloroethyl)ether	6.551	93	327920	39.862	ng		97
12) 1,3-Dichlorobenzene	6.751	146	418420	40.507	ng		98
13) 1,4-Dichlorobenzene	6.828	146	422571	40.242	ng		97
14) 1,2-Dichlorobenzene	6.981	146	402583	40.497	ng		98
15) Benzyl Alcohol	6.951	79	294819	40.230	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.086	45	443791	38.838	ng		98
17) 2-Methylphenol	7.063	107	299778	41.893	ng		98
18) Hexachloroethane	7.316	117	148879	40.420	ng		97
19) n-Nitroso-di-n-propyla...	7.228	70	247242	39.550	ng		95
20) 3+4-Methylphenols	7.216	107	372711	40.076	ng		93
22) Acetophenone	7.222	105	513853	39.977	ng	#	91
24) Nitrobenzene	7.392	77	383568	40.868	ng		96
25) Isophorone	7.628	82	687032	41.139	ng		99
26) 2-Nitrophenol	7.704	139	187230	46.820	ng		99
27) 2,4-Dimethylphenol	7.745	122	230595	43.810	ng		92
28) bis(2-Chloroethoxy)met...	7.839	93	418265	41.406	ng		98
29) 2,4-Dichlorophenol	7.945	162	306321	43.147	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	355578	40.908	ng		97
31) Naphthalene	8.110	128	1142273	41.524	ng		98
32) Benzoic acid	7.869	122	229926m	47.931	ng		
33) 4-Chloroaniline	8.163	127	406196	43.440	ng		95
34) Hexachlorobutadiene	8.228	225	212307	41.750	ng		98
35) Caprolactam	8.539	113	85356	43.007	ng		99
36) 4-Chloro-3-methylphenol	8.639	107	320316	41.600	ng		99
37) 2-Methylnaphthalene	8.804	142	720008	41.725	ng		99
38) 1-Methylnaphthalene	8.898	142	699101	41.530	ng		94
40) 1,2,4,5-Tetrachloroben...	8.969	216	333829	42.288	ng		99
41) Hexachlorocyclopentadiene	8.951	237	119371	39.298	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	218632	42.669	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	235999	42.206	ng		98
46) 1,1'-Biphenyl	9.269	154	906536	41.443	ng		98
47) 2-Chloronaphthalene	9.292	162	712076	41.919	ng		99
48) 2-Nitroaniline	9.386	65	186245	41.994	ng		94
49) Acenaphthylene	9.710	152	1006996	41.540	ng		99
50) Dimethylphthalate	9.575	163	765005	40.805	ng		99
51) 2,6-Dinitrotoluene	9.633	165	169141	44.161	ng		99
52) Acenaphthene	9.880	154	636898	41.574	ng		98
53) 3-Nitroaniline	9.804	138	163302	42.970	ng		97
54) 2,4-Dinitrophenol	9.910	184	73801	41.431	ng		94
55) Dibenzofuran	10.051	168	929864	40.791	ng		97
56) 4-Nitrophenol	9.963	139	114791	39.770	ng		86
57) 2,4-Dinitrotoluene	10.039	165	217258	42.465	ng		97
58) Fluorene	10.398	166	721226	40.335	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	182646	41.053	ng		99
60) Diethylphthalate	10.274	149	749701	39.976	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	348473	40.130	ng		98
62) 4-Nitroaniline	10.416	138	153392	41.235	ng		96
63) Azobenzene	10.551	77	680853	39.160	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	107861	45.114	ng		85
66) n-Nitrosodiphenylamine	10.510	169	615453	43.927	ng		97
67) 4-Bromophenyl-phenylether	10.880	248	219272	42.989	ng		95
68) Hexachlorobenzene	10.945	284	254920	43.182	ng	#	92
69) Atrazine	11.039	200	164358	39.545	ng		96
70) Pentachlorophenol	11.139	266	138696	41.564	ng		95
71) Phenanthrene	11.363	178	1022651	41.617	ng		99
72) Anthracene	11.416	178	1017254	41.281	ng		99
73) Carbazole	11.569	167	828833	39.547	ng		99
74) Di-n-butylphthalate	11.910	149	1052102	40.121	ng		98
75) Fluoranthene	12.557	202	945450	37.901	ng		97
77) Benzidine	12.680	184	218246	67.836	ng		99
78) Pyrene	12.786	202	925079	43.159	ng		98
80) Butylbenzylphthalate	13.415	149	289214	43.355	ng		93
81) Benzo(a)anthracene	13.980	228	584241	40.189	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	172727	49.360	ng		94
83) Chrysene	14.015	228	573696	40.872	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	352440	44.022	ng	#	96
85) Di-n-octyl phthalate	14.598	149	609939	47.026	ng		100
87) Indeno(1,2,3-cd)pyrene	16.992	276	663295	40.948	ng		99
88) Benzo(b)fluoranthene	15.039	252	596182	38.813	ng		99
89) Benzo(k)fluoranthene	15.068	252	519198	35.589	ng		97
90) Benzo(a)pyrene	15.415	252	506484	40.336	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	532841	40.987	ng		99
92) Benzo(g,h,i)perylene	17.450	276	540166	41.261	ng		99

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

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