Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135703.D
Acq On : 11 Oct 2023 10:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 00:45:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	109380	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	421723	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	210810	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	422077	20.000	ng		0.00
76) Chrysene-d12	13.939	240	235125	20.000	ng		0.00
86) Perylene-d12	15.410	264	203709	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	563505	83.791	ng		0.00
7) Phenol-d6	6.393	99	652525	76.307	ng		0.00
23) Nitrobenzene-d5	7.310	82	642557	82.779	ng		0.00
42) 2,4,6-Tribromophenol	10.581	330	165199	78.856	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1107345	79.250	ng		0.00
79) Terphenyl-d14	12.869	244	1146711	75.603	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	134163	45.508	ng		96
3) Pyridine	3.181	79	311855	39.303	ng		97
4) n-Nitrosodimethylamine	3.157	42	165371	39.275	ng		95
6) Aniline	6.410	93	418915	37.358	ng	#	61
8) 2-Chlorophenol	6.534	128	293150	40.834	ng		94
9) Benzaldehyde	6.298	77	180040	36.958	ng		99
10) Phenol	6.404	94	347892	37.101	ng	#	69
11) bis(2-Chloroethyl)ether	6.481	93	278273	39.563	ng		97
12) 1,3-Dichlorobenzene	6.681	146	297818	40.819	ng		97
13) 1,4-Dichlorobenzene	6.757	146	305889	41.208	ng		97
14) 1,2-Dichlorobenzene	6.910	146	267856	38.857	ng		96
15) Benzyl Alcohol	6.893	79	224620	36.605	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	510860	38.532	ng		59
17) 2-Methylphenol	7.010	107	251974	39.773	ng	#	92
18) Hexachloroethane	7.240	117	109755	40.017	ng		90
19) n-Nitroso-di-n-propyla...	7.157	70	205448	38.788	ng		97
20) 3+4-Methylphenols	7.163	107	317651	41.698	ng	#	84
22) Acetophenone	7.157	105	393028	40.763	ng	#	95
24) Nitrobenzene	7.328	77	315555	41.129	ng		97
25) Isophorone	7.569	82	580984	40.760	ng		99
26) 2-Nitrophenol	7.645	139	154408	41.933	ng		95
27) 2,4-Dimethylphenol	7.687	122	246689	39.856	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	351762	41.232	ng		100
29) 2,4-Dichlorophenol	7.892	162	243779	42.505	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	243807	40.671	ng		98
31) Naphthalene	8.045	128	856989	41.824	ng		99
32) Benzoic acid	7.840	122	160461	34.428	ng		97
33) 4-Chloroaniline	8.104	127	371471	41.321	ng		99
34) Hexachlorobutadiene	8.151	225	145629	40.288	ng		99
35) Caprolactam	8.481	113	83843m	43.558	ng		
36) 4-Chloro-3-methylphenol	8.598	107	264063	41.426	ng		95
37) 2-Methylnaphthalene	8.734	142	563678	40.925	ng		99
38) 1-Methylnaphthalene	8.834	142	513594	39.828	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	250693	41.048	ng		100
41) Hexachlorocyclopentadiene	8.881	237	79406	34.168	ng		100
43) 2,4,6-Trichlorophenol	9.022	196	159962	40.003	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	182535	39.639	ng		97
46) 1,1'-Biphenyl	9.204	154	679814	41.963	ng		100
47) 2-Chloronaphthalene	9.228	162	493276	41.965	ng		99
48) 2-Nitroaniline	9.339	65	202408	44.324	ng		95
49) Acenaphthylene	9.639	152	788839	40.381	ng		100
50) Dimethylphthalate	9.504	163	603278	42.327	ng		99
51) 2,6-Dinitrotoluene	9.581	165	132495	42.435	ng		91
52) Acenaphthene	9.816	154	476744	41.312	ng		98
53) 3-Nitroaniline	9.751	138	159211	43.440	ng		100
54) 2,4-Dinitrophenol	9.875	184	91936	54.064	ng		98
55) Dibenzofuran	9.986	168	709644	40.298	ng		95
56) 4-Nitrophenol	9.939	139	102451	43.982	ng		94
57) 2,4-Dinitrotoluene	9.992	165	163096	41.724	ng		88
58) Fluorene	10.333	166	562411	41.543	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	143538	40.521	ng		99
60) Diethylphthalate	10.210	149	607685	42.483	ng		100
61) 4-Chlorophenyl-phenyle...	10.322	204	270453	41.588	ng		98
62) 4-Nitroaniline	10.375	138	152524m	43.293	ng		
63) Azobenzene	10.486	77	568975	40.643	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	87803	39.167	ng		88
66) n-Nitrosodiphenylamine	10.445	169	510683	39.965	ng		100
67) 4-Bromophenyl-phenylether	10.816	248	170264	40.560	ng		98
68) Hexachlorobenzene	10.880	284	171223	40.037	ng	#	89
69) Atrazine	10.980	200	133965	38.963	ng		100
70) Pentachlorophenol	11.086	266	90703	35.449	ng		98
71) Phenanthrene	11.298	178	825766	41.366	ng		99
72) Anthracene	11.351	178	844515	41.157	ng		100
73) Carbazole	11.516	167	815230	43.644	ng		99
74) Di-n-butylphthalate	11.839	149	963966	43.796	ng		99
75) Fluoranthene	12.498	202	868229	41.740	ng		99
77) Benzidine	12.627	184	162084	33.649	ng		99
78) Pyrene	12.727	202	854922	38.191	ng		99
80) Butylbenzylphthalate	13.345	149	380390	48.263	ng		94
81) Benzo(a)anthracene	13.927	228	646395	42.575	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	196469	41.429	ng		99
83) Chrysene	13.963	228	614375	40.700	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	494103	61.091	ng		100
85) Di-n-octyl phthalate	14.527	149	666123	51.825	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	529286	39.628	ng		99
88) Benzo(b)fluoranthene	14.980	252	444560	40.314	ng		100
89) Benzo(k)fluoranthene	15.010	252	453429	41.625	ng		99
90) Benzo(a)pyrene	15.345	252	431874	41.068	ng		100
91) Dibenzo(a,h)anthracene	16.910	278	428453	39.205	ng		97
92) Benzo(g,h,i)perylene	17.357	276	459436	40.254	ng		99

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

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