Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135768.D
Acq On : 16 Oct 2023 10:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 01:22:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.746	152	134474	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	517932	20.000	ng		0.00
39) Acenaphthene-d10	9.787	164	257242	20.000	ng		0.00
64) Phenanthrene-d10	11.281	188	491967	20.000	ng		0.00
76) Chrysene-d12	13.951	240	325224	20.000	ng		0.00
86) Perylene-d12	15.421	264	281898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	657483	78.608	ng		0.00
7) Phenol-d6	6.398	99	779880	74.729	ng		0.00
23) Nitrobenzene-d5	7.316	82	761003	80.811	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	202083	81.867	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1308966	79.559	ng		0.00
79) Terphenyl-d14	12.880	244	1449633	82.546	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.440	88	154137	38.206	ng		99
3) Pyridine	3.187	79	397361	40.143	ng		97
4) n-Nitrosodimethylamine	3.169	42	216019	40.580	ng		100
6) Aniline	6.416	93	494273	37.635	ng	#	82
8) 2-Chlorophenol	6.534	128	354281	39.279	ng		99
9) Benzaldehyde	6.304	77	235081	39.577	ng		96
10) Phenol	6.416	94	420809	38.482	ng		95
11) bis(2-Chloroethyl)ether	6.487	93	349131	39.625	ng		98
12) 1,3-Dichlorobenzene	6.681	146	353634	38.674	ng		99
13) 1,4-Dichlorobenzene	6.757	146	357733	38.619	ng		99
14) 1,2-Dichlorobenzene	6.910	146	317566	38.075	ng		99
15) Benzyl Alcohol	6.898	79	269284	38.807	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	609140	38.226	ng		94
17) 2-Methylphenol	7.016	107	298737	38.260	ng		96
18) Hexachloroethane	7.245	117	133606	39.780	ng		93
19) n-Nitroso-di-n-propyla...	7.163	70	243633	37.756	ng		99
20) 3+4-Methylphenols	7.169	107	370540	38.066	ng		96
22) Acetophenone	7.157	105	468803	39.467	ng	#	99
24) Nitrobenzene	7.334	77	383581	40.585	ng		99
25) Isophorone	7.569	82	728886	41.027	ng		100
26) 2-Nitrophenol	7.645	139	193723	42.001	ng		99
27) 2,4-Dimethylphenol	7.693	122	310867	40.941	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	438055	41.403	ng		99
29) 2,4-Dichlorophenol	7.893	162	294838	41.435	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	296221	40.702	ng		99
31) Naphthalene	8.045	128	1025341	40.587	ng		99
32) Benzoic acid	7.851	122	229775	44.706	ng		98
33) 4-Chloroaniline	8.104	127	454695	41.203	ng		99
34) Hexachlorobutadiene	8.157	225	178552	41.449	ng		98
35) Caprolactam	8.498	113	108475m	44.594	ng		
36) 4-Chloro-3-methylphenol	8.598	107	326181	41.336	ng		98
37) 2-Methylnaphthalene	8.739	142	657307	39.492	ng		100
38) 1-Methylnaphthalene	8.839	142	611929	39.861	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	304126	41.100	ng		99
41) Hexachlorocyclopentadiene	8.887	237	110880	75.951	ng		94
43) 2,4,6-Trichlorophenol	9.028	196	194791	40.850	ng		100

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44) 2,4,5-Trichlorophenol	9.081	196	231472	41.736	ng	97
46) 1,1'-Biphenyl	9.204	154	798149	40.505	ng	98
47) 2-Chloronaphthalene	9.234	162	570654	40.183	ng	98
48) 2-Nitroaniline	9.339	65	239612	42.745	ng	96
49) Acenaphthylene	9.645	152	944554	40.191	ng	99
50) Dimethylphthalate	9.510	163	713437	41.084	ng	99
51) 2,6-Dinitrotoluene	9.586	165	155146	41.545	ng	98
52) Acenaphthene	9.816	154	575031	40.821	ng	98
53) 3-Nitroaniline	9.757	138	192234	41.992	ng	95
54) 2,4-Dinitrophenol	9.881	184	135530	86.943	ng	90
55) Dibenzofuran	9.992	168	858829	40.407	ng	100
56) 4-Nitrophenol	9.945	139	132212	64.199	ng	95
57) 2,4-Dinitrotoluene	10.004	165	203082	42.746	ng	91
58) Fluorene	10.339	166	683108	41.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	175186	41.797	ng	99
60) Diethylphthalate	10.216	149	733186	41.357	ng	100
61) 4-Chlorophenyl-phenyle...	10.328	204	335168	41.677	ng	94
62) 4-Nitroaniline	10.381	138	179458	42.607	ng	97
63) Azobenzene	10.492	77	721118	41.867	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	114040	46.060	ng	99
66) n-Nitrosodiphenylamine	10.451	169	624899	41.674	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	207470	42.011	ng	95
68) Hexachlorobenzene	10.892	284	206784	41.127	ng	97
69) Atrazine	10.986	200	168246	41.250	ng	96
70) Pentachlorophenol	11.092	266	128158	64.627	ng	97
71) Phenanthrene	11.304	178	963747	40.893	ng	99
72) Anthracene	11.357	178	978661	40.074	ng	100
73) Carbazole	11.522	167	912362	40.057	ng	99
74) Di-n-butylphthalate	11.845	149	1131259	40.454	ng	99
75) Fluoranthene	12.504	202	1068733	40.858	ng	99
77) Benzidine	12.633	184	245486	34.592	ng	98
78) Pyrene	12.733	202	1101050	42.604	ng	100
80) Butylbenzylphthalate	13.357	149	485257	42.728	ng	94
81) Benzo(a)anthracene	13.939	228	902518	42.249	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	294655	41.590	ng	99
83) Chrysene	13.974	228	850073	41.085	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	657122	42.692	ng	98
85) Di-n-octyl phthalate	14.533	149	999744	40.960	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	589375	38.371	ng	99
88) Benzo(b)fluoranthene	14.992	252	690061	43.739	ng	99
89) Benzo(k)fluoranthene	15.021	252	641250	41.865	ng	99
90) Benzo(a)pyrene	15.363	252	612857	41.310	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	488753	38.815	ng	99
92) Benzo(g,h,i)perylene	17.386	276	498163	38.515	ng	96

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

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