Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135815.D
Acq On : 17 Oct 2023 16:49
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 01:54:01 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 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	123774	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	461264	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	233630	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	465340	20.000	ng		0.00
76) Chrysene-d12	13.939	240	296650	20.000	ng		-0.01
86) Perylene-d12	15.415	264	249650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	578075	75.089	ng		0.00
7) Phenol-d6	6.398	99	730017	75.998	ng		0.00
23) Nitrobenzene-d5	7.316	82	697158	83.126	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	191492	85.416	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1213366	81.201	ng		0.00
79) Terphenyl-d14	12.869	244	1303290	81.361	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.428	88	148950	40.112	ng		99
3) Pyridine	3.181	79	324163	35.579	ng		96
4) n-Nitrosodimethylamine	3.157	42	186317	38.026	ng		96
6) Aniline	6.410	93	455016	37.641	ng	#	66
8) 2-Chlorophenol	6.534	128	322036	38.791	ng		98
9) Benzaldehyde	6.298	77	216781	39.651	ng		96
10) Phenol	6.410	94	391222	38.869	ng		99
11) bis(2-Chloroethyl)ether	6.481	93	311773	38.444	ng		97
12) 1,3-Dichlorobenzene	6.681	146	327248	38.882	ng		98
13) 1,4-Dichlorobenzene	6.757	146	327565	38.419	ng		99
14) 1,2-Dichlorobenzene	6.910	146	289167	37.667	ng		98
15) Benzyl Alcohol	6.898	79	248064	38.839	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	536659	36.589	ng		76
17) 2-Methylphenol	7.010	107	269098	37.443	ng		97
18) Hexachloroethane	7.239	117	120919	39.115	ng		91
19) n-Nitroso-di-n-propyla...	7.163	70	218548	36.797	ng		97
20) 3+4-Methylphenols	7.169	107	342249	38.199	ng		97
22) Acetophenone	7.157	105	431246	40.766	ng		99
24) Nitrobenzene	7.334	77	347745	41.314	ng		97
25) Isophorone	7.569	82	636155	40.207	ng		99
26) 2-Nitrophenol	7.645	139	170759	41.570	ng		100
27) 2,4-Dimethylphenol	7.687	122	276058	40.824	ng		97
28) bis(2-Chloroethoxy)met...	7.775	93	381192	40.455	ng		98
29) 2,4-Dichlorophenol	7.892	162	262626	41.443	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	262618	40.518	ng		100
31) Naphthalene	8.039	128	916224	40.724	ng		98
32) Benzoic acid	7.851	122	194904m	42.580	ng		
33) 4-Chloroaniline	8.104	127	421473	42.885	ng		96
34) Hexachlorobutadiene	8.151	225	163864	42.713	ng		99
35) Caprolactam	8.498	113	89926	41.510	ng		91
36) 4-Chloro-3-methylphenol	8.598	107	290630	41.355	ng		99
37) 2-Methylnaphthalene	8.734	142	617205	41.638	ng		99
38) 1-Methylnaphthalene	8.834	142	566981	41.471	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	284351	42.311	ng		99
41) Hexachlorocyclopentadiene	8.881	237	34317	43.243	ng		98
43) 2,4,6-Trichlorophenol	9.028	196	181567	41.925	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	211842	42.057	ng		99
46) 1,1'-Biphenyl	9.198	154	755043	42.190	ng		98
47) 2-Chloronaphthalene	9.228	162	536422	41.590	ng		99
48) 2-Nitroaniline	9.339	65	225483	44.290	ng		98
49) Acenaphthylene	9.639	152	860974	40.337	ng		99
50) Dimethylphthalate	9.510	163	656807	41.645	ng		99
51) 2,6-Dinitrotoluene	9.581	165	146524	43.202	ng		99
52) Acenaphthene	9.816	154	526950	41.189	ng		99
53) 3-Nitroaniline	9.757	138	174004	41.852	ng		99
54) 2,4-Dinitrophenol	9.880	184	64397	45.486	ng		96
55) Dibenzofuran	9.986	168	793668	41.115	ng		99
56) 4-Nitrophenol	9.945	139	67339	38.415	ng		97
57) 2,4-Dinitrotoluene	9.998	165	189167	43.841	ng		95
58) Fluorene	10.333	166	628283	41.574	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	162024	42.564	ng		99
60) Diethylphthalate	10.210	149	674247	41.876	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	306526	41.967	ng		96
62) 4-Nitroaniline	10.380	138	164134	42.907	ng		97
63) Azobenzene	10.486	77	659181	42.139	ng		97
65) 4,6-Dinitro-2-methylph...	10.410	198	101269	43.243	ng		99
66) n-Nitrosodiphenylamine	10.451	169	579697	40.871	ng		100
67) 4-Bromophenyl-phenylether	10.816	248	192896	41.295	ng		96
68) Hexachlorobenzene	10.880	284	196993	41.422	ng		93
69) Atrazine	10.980	200	159297	41.291	ng		99
70) Pentachlorophenol	11.092	266	74700	39.825	ng		95
71) Phenanthrene	11.298	178	902796	40.499	ng		99
72) Anthracene	11.351	178	946516	40.975	ng		99
73) Carbazole	11.516	167	878175	40.763	ng		100
74) Di-n-butylphthalate	11.839	149	1073745	40.594	ng		100
75) Fluoranthene	12.498	202	998337	40.351	ng		98
77) Benzidine	12.627	184	270836	41.840	ng		98
78) Pyrene	12.727	202	981043	41.617	ng		99
80) Butylbenzylphthalate	13.345	149	426953	41.216	ng		97
81) Benzo(a)anthracene	13.933	228	817845	41.973	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	265549	41.092	ng		99
83) Chrysene	13.968	228	758149	40.171	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	580700	41.361	ng	#	98
85) Di-n-octyl phthalate	14.527	149	840233	37.741	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	547570	40.254	ng		98
88) Benzo(b)fluoranthene	14.986	252	586041	41.944	ng		98
89) Benzo(k)fluoranthene	15.015	252	591836	43.630	ng		97
90) Benzo(a)pyrene	15.351	252	537565	40.916	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	452923	40.616	ng		99
92) Benzo(g,h,i)perylene	17.374	276	467243	40.791	ng		98

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

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