Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141373.D
Acq On : 03 Feb 2025 17:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 04 00:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	104167	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	414412	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	226326	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	383558	20.000	ng		0.00
76) Chrysene-d12	13.963	240	233911	20.000	ng		-0.01
86) Perylene-d12	15.415	264	231577	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	542601	79.968	ng		0.00
7) Phenol-d6	6.439	99	665791	77.133	ng		0.00
23) Nitrobenzene-d5	7.363	82	632818	80.499	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	175756	84.706	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1169231	79.517	ng		0.00
79) Terphenyl-d14	12.910	244	1192221	78.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	121152	40.599	ng		100
3) Pyridine	3.210	79	256725	35.706	ng		99
4) n-Nitrosodimethylamine	3.163	42	171120	41.662	ng		93
6) Aniline	6.457	93	214496	29.356	ng	#	6
8) 2-Chlorophenol	6.587	128	289746	39.841	ng		97
9) Benzaldehyde	6.345	77	216223	43.247	ng		99
10) Phenol	6.451	94	352818	38.559	ng		79
11) bis(2-Chloroethyl)ether	6.534	93	272822	38.887	ng		100
12) 1,3-Dichlorobenzene	6.734	146	319939	39.899	ng		100
13) 1,4-Dichlorobenzene	6.816	146	327100	40.605	ng		99
14) 1,2-Dichlorobenzene	6.969	146	306404	40.620	ng		99
15) Benzyl Alcohol	6.939	79	249700	42.330	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	456565	37.424	ng		76
17) 2-Methylphenol	7.063	107	231097	39.098	ng	#	91
18) Hexachloroethane	7.310	117	122966	41.378	ng		97
19) n-Nitroso-di-n-propyla...	7.210	70	204348	39.842	ng		99
20) 3+4-Methylphenols	7.210	107	295742	40.751	ng		96
22) Acetophenone	7.204	105	403113	40.923	ng	#	97
24) Nitrobenzene	7.381	77	322702	39.612	ng		98
25) Isophorone	7.616	82	541055	39.816	ng		99
26) 2-Nitrophenol	7.692	139	155896	40.576	ng		96
27) 2,4-Dimethylphenol	7.739	122	196433m	40.168	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	338131	39.010	ng		99
29) 2,4-Dichlorophenol	7.945	162	242512	40.508	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	271821	39.757	ng		100
31) Naphthalene	8.098	128	867292	39.616	ng		100
32) Benzoic acid	7.857	122	193009	42.934	ng		98
33) 4-Chloroaniline	8.151	127	242580	32.676	ng		99
34) Hexachlorobutadiene	8.216	225	168912	42.128	ng		99
35) Caprolactam	8.516	113	79702	40.764	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	263711	41.066	ng		96
37) 2-Methylnaphthalene	8.792	142	556906	40.024	ng		99
38) 1-Methylnaphthalene	8.886	142	547195	40.034	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	258626	40.167	ng		100
41) Hexachlorocyclopentadiene	8.939	237	83996	44.173	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	171810	40.768	ng		98

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44) 2,4,5-Trichlorophenol	9.122	196	186902	40.747	ng	100
46) 1,1'-Biphenyl	9.257	154	695314	39.393	ng	99
47) 2-Chloronaphthalene	9.280	162	541319	39.346	ng	99
48) 2-Nitroaniline	9.375	65	175746	40.613	ng	96
49) Acenaphthylene	9.692	152	761884	39.561	ng	100
50) Dimethylphthalate	9.557	163	614225	40.182	ng	99
51) 2,6-Dinitrotoluene	9.622	165	142423	40.128	ng	100
52) Acenaphthene	9.869	154	554750	40.321	ng	99
53) 3-Nitroaniline	9.786	138	140545	40.403	ng	98
54) 2,4-Dinitrophenol	9.892	184	76994	46.667	ng	91
55) Dibenzofuran	10.039	168	727950	39.528	ng	98
56) 4-Nitrophenol	9.969	139	106562	41.887	ng	94
57) 2,4-Dinitrotoluene	10.022	165	191425	41.657	ng	97
58) Fluorene	10.380	166	581931	40.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	152033	42.131	ng	98
60) Diethylphthalate	10.257	149	609242	41.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	280983	40.268	ng	97
62) 4-Nitroaniline	10.404	138	147941	43.258	ng	96
63) Azobenzene	10.533	77	585808	39.486	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	107093	47.204	ng	97
66) n-Nitrosodiphenylamine	10.492	169	492539	39.703	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	179324	41.761	ng	98
68) Hexachlorobenzene	10.927	284	186820	41.015	ng	98
69) Atrazine	11.022	200	166008	40.023	ng	99
70) Pentachlorophenol	11.127	266	120209	45.068	ng	98
71) Phenanthrene	11.345	178	840073	40.745	ng	100
72) Anthracene	11.398	178	829686	41.070	ng	100
73) Carbazole	11.551	167	749638	41.848	ng	99
74) Di-n-butylphthalate	11.886	149	917962	42.285	ng	100
75) Fluoranthene	12.533	202	861847	42.335	ng	98
77) Benzidine	12.657	184	219025	29.208	ng	99
78) Pyrene	12.763	202	860076	38.305	ng	100
80) Butylbenzylphthalate	13.380	149	328897	41.929	ng	99
81) Benzo(a)anthracene	13.951	228	604276	37.437	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	198361	38.639	ng	99
83) Chrysene	13.986	228	580099	39.215	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	436237	43.840	ng	99
85) Di-n-octyl phthalate	14.562	149	689323	44.601	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	626825	41.938	ng	98
88) Benzo(b)fluoranthene	14.998	252	571343	39.222	ng	99
89) Benzo(k)fluoranthene	15.027	252	534749	41.439	ng	99
90) Benzo(a)pyrene	15.357	252	503731	40.922	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	510363	42.442	ng	98
92) Benzo(g,h,i)perylene	17.298	276	518300	41.452	ng	98

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

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