Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141398.D
Acq On : 04 Feb 2025 10:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 04 11:34:05 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 :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	87552	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	331835	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	180473	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	318826	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	235294	20.000	ng		-0.01
86) Perylene-d12	15.421	264	201713	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	455924	79.945	ng		0.00
7) Phenol-d6	6.434	99	546451	75.322	ng		0.00
23) Nitrobenzene-d5	7.357	82	519110	82.468	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	145841	88.147	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	958786	81.771	ng		-0.01
79) Terphenyl-d14	12.904	244	1129373	74.022	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.440	88	97099	38.714	ng		98
3) Pyridine	3.175	79	222403	36.803	ng		97
4) n-Nitrosodimethylamine	3.122	42	142862m	41.383	ng		
6) Aniline	6.451	93	220322	35.876	ng	#	16
8) 2-Chlorophenol	6.581	128	242879	39.734	ng		96
9) Benzaldehyde	6.340	77	156434	37.226	ng		99
10) Phenol	6.445	94	288967	37.574	ng	#	71
11) bis(2-Chloroethyl)ether	6.528	93	221049	37.487	ng		98
12) 1,3-Dichlorobenzene	6.734	146	262908	39.009	ng		99
13) 1,4-Dichlorobenzene	6.810	146	269514	39.806	ng		100
14) 1,2-Dichlorobenzene	6.963	146	251753	39.708	ng		99
15) Benzyl Alcohol	6.934	79	203978	41.142	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	369176	36.004	ng		80
17) 2-Methylphenol	7.057	107	188055	37.854	ng	#	92
18) Hexachloroethane	7.304	117	102015	40.842	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	162661	37.733	ng		100
20) 3+4-Methylphenols	7.210	107	240839	39.483	ng	#	88
22) Acetophenone	7.198	105	326166	41.351	ng	#	98
24) Nitrobenzene	7.375	77	264172	40.497	ng		100
25) Isophorone	7.610	82	426672	39.213	ng		99
26) 2-Nitrophenol	7.692	139	122977	39.973	ng		97
27) 2,4-Dimethylphenol	7.734	122	152342m	38.904	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	267181	38.495	ng		99
29) 2,4-Dichlorophenol	7.939	162	196668	41.025	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	222442	40.631	ng		99
31) Naphthalene	8.098	128	703917	40.155	ng		100
32) Benzoic acid	7.845	122	152241	42.292	ng		100
33) 4-Chloroaniline	8.151	127	230545	38.783	ng		99
34) Hexachlorobutadiene	8.216	225	137723	42.897	ng		99
35) Caprolactam	8.510	113	62051	39.634	ng		95
36) 4-Chloro-3-methylphenol	8.634	107	215967	42.000	ng		95
37) 2-Methylnaphthalene	8.787	142	453714	40.722	ng		98
38) 1-Methylnaphthalene	8.886	142	443121	40.487	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	211825	41.257	ng		100
41) Hexachlorocyclopentadiene	8.939	237	66678	43.974	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	137805	41.007	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	152071	41.577	ng	100
46) 1,1'-Biphenyl	9.251	154	564241	40.089	ng	99
47) 2-Chloronaphthalene	9.275	162	436455	39.785	ng	99
48) 2-Nitroaniline	9.375	65	140664	40.764	ng	99
49) Acenaphthylene	9.692	152	619791	40.360	ng	100
50) Dimethylphthalate	9.557	163	494930	40.604	ng	100
51) 2,6-Dinitrotoluene	9.616	165	115835	40.929	ng	98
52) Acenaphthene	9.863	154	453408	41.328	ng	100
53) 3-Nitroaniline	9.786	138	115797	41.746	ng	98
54) 2,4-Dinitrophenol	9.892	184	59519	45.240	ng	92
55) Dibenzofuran	10.033	168	602409	41.022	ng	97
56) 4-Nitrophenol	9.963	139	92908	45.798	ng	96
57) 2,4-Dinitrotoluene	10.022	165	159291	43.471	ng	98
58) Fluorene	10.381	166	471526	41.395	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	123166	42.803	ng	98
60) Diethylphthalate	10.251	149	495870	41.956	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	233902	42.037	ng	100
62) 4-Nitroaniline	10.398	138	123996	45.468	ng	93
63) Azobenzene	10.533	77	475982	40.234	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	87646	46.476	ng	97
66) n-Nitrosodiphenylamine	10.492	169	404177	39.195	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	143325	40.154	ng	99
68) Hexachlorobenzene	10.928	284	155137	40.974	ng	99
69) Atrazine	11.022	200	136423	39.568	ng	99
70) Pentachlorophenol	11.128	266	102799	46.366	ng	100
71) Phenanthrene	11.339	178	707114	41.259	ng	99
72) Anthracene	11.392	178	696374	41.470	ng	99
73) Carbazole	11.551	167	655823	44.044	ng	99
74) Di-n-butylphthalate	11.880	149	774119	42.899	ng	100
75) Fluoranthene	12.533	202	790425	46.710	ng	98
77) Benzidine	12.657	184	284455	37.710	ng	99
78) Pyrene	12.763	202	813495	36.018	ng	100
80) Butylbenzylphthalate	13.386	149	325399	41.239	ng	97
81) Benzo(a)anthracene	13.951	228	614138	37.824	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	193800	37.529	ng	99
83) Chrysene	13.986	228	597592	40.160	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	428215	42.781	ng	98
85) Di-n-octyl phthalate	14.568	149	666025	42.840	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	539887	41.469	ng	97
88) Benzo(b)fluoranthene	15.004	252	541045	42.641	ng	99
89) Benzo(k)fluoranthene	15.027	252	459921	40.917	ng	99
90) Benzo(a)pyrene	15.363	252	432427	40.330	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	430740	41.123	ng	98
92) Benzo(g,h,i)perylene	17.304	276	448843	41.212	ng	96

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

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