Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141361.D
Acq On : 03 Feb 2025 11:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Quant Time: Feb 03 11:47:56 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	93803	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	362783	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	198566	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	334466	20.000	ng		0.00
76) Chrysene-d12	13.968	240	243574	20.000	ng		0.00
86) Perylene-d12	15.427	264	284769	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	492717	80.639	ng		0.00
7) Phenol-d6	6.439	99	615730	79.215	ng		0.00
23) Nitrobenzene-d5	7.363	82	576560	83.781	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	158958	87.321	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1044178	80.940	ng		0.00
79) Terphenyl-d14	12.910	244	1114591	70.570	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	118270	44.012	ng		99
3) Pyridine	3.210	79	248823	38.431	ng		97
4) n-Nitrosodimethylamine	3.163	42	157786	42.660	ng		92
6) Aniline	6.457	93	244181	37.112	ng	#	10
8) 2-Chlorophenol	6.587	128	266456	40.687	ng		98
9) Benzaldehyde	6.345	77	185452	41.190	ng		99
10) Phenol	6.451	94	323771	39.294	ng	#	73
11) bis(2-Chloroethyl)ether	6.534	93	244237	38.659	ng		99
12) 1,3-Dichlorobenzene	6.739	146	294934	40.844	ng		99
13) 1,4-Dichlorobenzene	6.816	146	294184	40.554	ng		99
14) 1,2-Dichlorobenzene	6.969	146	276119	40.649	ng		99
15) Benzyl Alcohol	6.939	79	227583	42.844	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	412661	37.563	ng		68
17) 2-Methylphenol	7.063	107	205926	38.689	ng	#	90
18) Hexachloroethane	7.310	117	110745	41.383	ng		97
19) n-Nitroso-di-n-propyla...	7.210	70	182630	39.542	ng		99
20) 3+4-Methylphenols	7.216	107	271346	41.520	ng	#	84
22) Acetophenone	7.204	105	363495	42.153	ng	#	96
24) Nitrobenzene	7.381	77	295113	41.381	ng		99
25) Isophorone	7.616	82	473753	39.825	ng		99
26) 2-Nitrophenol	7.698	139	139470	41.467	ng		99
27) 2,4-Dimethylphenol	7.739	122	169654m	39.629	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	300026	39.540	ng		99
29) 2,4-Dichlorophenol	7.945	162	215476	41.114	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	243325	40.654	ng		99
31) Naphthalene	8.104	128	782884	40.850	ng		100
32) Benzoic acid	7.857	122	164754	41.864	ng		98
33) 4-Chloroaniline	8.151	127	252352	38.830	ng		99
34) Hexachlorobutadiene	8.216	225	150331	42.830	ng		99
35) Caprolactam	8.516	113	68685	40.128	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	235016	41.805	ng		96
37) 2-Methylnaphthalene	8.792	142	500491	41.088	ng		100
38) 1-Methylnaphthalene	8.892	142	487831	40.770	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	227300	40.237	ng		99
41) Hexachlorocyclopentadiene	8.945	237	73377	43.983	ng		100
43) 2,4,6-Trichlorophenol	9.075	196	152514	41.248	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	165119	41.031	ng	98
46) 1,1'-Biphenyl	9.257	154	614766	39.699	ng	98
47) 2-Chloronaphthalene	9.280	162	479677	39.740	ng	100
48) 2-Nitroaniline	9.380	65	155868	41.055	ng	98
49) Acenaphthylene	9.698	152	674542	39.923	ng	100
50) Dimethylphthalate	9.557	163	543455	40.523	ng	100
51) 2,6-Dinitrotoluene	9.622	165	125020	40.149	ng	98
52) Acenaphthene	9.869	154	491940	40.755	ng	99
53) 3-Nitroaniline	9.792	138	127750	41.859	ng	98
54) 2,4-Dinitrophenol	9.898	184	64595	44.625	ng	93
55) Dibenzofuran	10.039	168	655150	40.548	ng	98
56) 4-Nitrophenol	9.975	139	101492	45.471	ng	96
57) 2,4-Dinitrotoluene	10.022	165	169109	41.946	ng	97
58) Fluorene	10.380	166	520788	41.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	135793	42.892	ng	99
60) Diethylphthalate	10.257	149	533471	41.025	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	252040	41.170	ng	98
62) 4-Nitroaniline	10.404	138	131617	43.865	ng	96
63) Azobenzene	10.533	77	521272	40.048	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	92723	46.869	ng	99
66) n-Nitrosodiphenylamine	10.498	169	440088	40.682	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	156199	41.715	ng	97
68) Hexachlorobenzene	10.933	284	166289	41.866	ng	97
69) Atrazine	11.022	200	144588	39.975	ng	98
70) Pentachlorophenol	11.127	266	101747	43.745	ng	98
71) Phenanthrene	11.345	178	756115	42.056	ng	100
72) Anthracene	11.398	178	747273	42.420	ng	100
73) Carbazole	11.551	167	690858	44.227	ng	99
74) Di-n-butylphthalate	11.886	149	815911	43.100	ng	100
75) Fluoranthene	12.533	202	809964	45.626	ng	99
77) Benzidine	12.657	184	305172	39.082	ng	99
78) Pyrene	12.763	202	817992	34.986	ng	100
80) Butylbenzylphthalate	13.386	149	312910	38.308	ng	99
81) Benzo(a)anthracene	13.957	228	644165	38.325	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	212156	39.687	ng	99
83) Chrysene	13.992	228	601529	39.050	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	436692	42.145	ng	98
85) Di-n-octyl phthalate	14.574	149	716424	44.516	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	796465	43.334	ng	100
88) Benzo(b)fluoranthene	15.009	252	791291	44.175	ng	100
89) Benzo(k)fluoranthene	15.039	252	586341	36.950	ng	100
90) Benzo(a)pyrene	15.368	252	628247	41.504	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	640257	43.298	ng	100
92) Benzo(g,h,i)perylene	17.315	276	672962	43.768	ng	100

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

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