Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141981.D
Acq On : 17 Mar 2025 15:00
Operator : RC/JU
Sample : Q1585-01MSD 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 17 15:36:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	122962	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	428074	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	210222	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	360568	20.000	ng		0.00
76) Chrysene-d12	14.045	240	282638	20.000	ng		0.00
86) Perylene-d12	15.521	264	213270	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	357779	48.561	ng		0.00
7) Phenol-d6	6.504	99	425661	45.377	ng		0.00
23) Nitrobenzene-d5	7.439	82	265875	34.953	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	126929	47.593	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	515884	37.321	ng		0.00
79) Terphenyl-d14	12.986	244	626391	32.766	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	77134	24.986	ng		99
3) Pyridine	3.451	79	165090	21.802	ng		97
4) n-Nitrosodimethylamine	3.381	42	80462	22.291	ng		94
6) Aniline	6.539	93	111079	12.004	ng		100
8) 2-Chlorophenol	6.663	128	187703	22.971	ng		98
9) Benzaldehyde	6.434	77	50735	9.671	ng		96
10) Phenol	6.516	94	223020	22.599	ng		97
11) bis(2-Chloroethyl)ether	6.610	93	173616	23.429	ng		98
12) 1,3-Dichlorobenzene	6.822	146	206380	23.395	ng		98
13) 1,4-Dichlorobenzene	6.898	146	210826	23.620	ng		99
14) 1,2-Dichlorobenzene	7.051	146	196004	23.314	ng		99
15) Benzyl Alcohol	7.016	79	160230	21.128	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	190198	21.260	ng		100
17) 2-Methylphenol	7.128	107	141763	21.820	ng		99
18) Hexachloroethane	7.392	117	72524	21.668	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	125800	20.871	ng		99
20) 3+4-Methylphenols	7.281	107	185060	22.238	ng	#	74
22) Acetophenone	7.286	105	279857	27.299	ng		99
24) Nitrobenzene	7.457	77	183578	24.276	ng		100
25) Isophorone	7.698	82	333584	24.809	ng		99
26) 2-Nitrophenol	7.775	139	81983	22.089	ng		98
27) 2,4-Dimethylphenol	7.810	122	147078	28.780	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	200722	23.801	ng		99
29) 2,4-Dichlorophenol	8.016	162	145170	22.886	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	165028	23.607	ng		99
31) Naphthalene	8.186	128	524501	23.852	ng		99
32) Benzoic acid	7.886	122	108252m	24.097	ng		
33) 4-Chloroaniline	8.228	127	86978	11.205	ng		98
34) Hexachlorobutadiene	8.298	225	116089	25.465	ng		97
35) Caprolactam	8.575	113	47281	24.448	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	148595	21.000	ng		98
37) 2-Methylnaphthalene	8.875	142	321291	21.859	ng		99
38) 1-Methylnaphthalene	8.975	142	314911	22.203	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	180198	28.154	ng		99
41) Hexachlorocyclopentadiene	9.028	237	54883	21.911	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	99411	23.766	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101841	24.039	ng		98
46) 1,1'-Biphenyl	9.339	154	450681	28.215	ng		99
47) 2-Chloronaphthalene	9.363	162	293294	24.635	ng		98
48) 2-Nitroaniline	9.457	65	87104	25.269	ng		96
49) Acenaphthylene	9.780	152	489709	27.718	ng		99
50) Dimethylphthalate	9.633	163	361750	24.573	ng		100
51) 2,6-Dinitrotoluene	9.692	165	71293	23.259	ng		98
52) Acenaphthene	9.951	154	305530	24.608	ng		99
53) 3-Nitroaniline	9.863	138	66296	21.323	ng		99
54) 2,4-Dinitrophenol	9.969	184	9121	11.380	ng	#	32
55) Dibenzofuran	10.122	168	428947	24.179	ng		98
56) 4-Nitrophenol	10.016	139	122925	52.427	ng		98
57) 2,4-Dinitrotoluene	10.098	165	93849	23.443	ng	#	97
58) Fluorene	10.463	166	368013	26.900	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87893	22.799	ng		99
60) Diethylphthalate	10.333	149	342607	23.340	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	165480	23.200	ng		98
62) 4-Nitroaniline	10.469	138	69514	22.965	ng		95
63) Azobenzene	10.616	77	321117	23.530	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	8384	3.900	ng		82
66) n-Nitrosodiphenylamine	10.574	169	280032	24.000	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	101979	22.520	ng		99
68) Hexachlorobenzene	11.016	284	115374	23.230	ng		95
69) Atrazine	11.098	200	112097	31.338	ng		98
70) Pentachlorophenol	11.204	266	147715	48.273	ng		99
71) Phenanthrene	11.427	178	841818	43.225	ng		99
72) Anthracene	11.480	178	577698	29.566	ng		99
73) Carbazole	11.633	167	460642	27.337	ng		99
74) Di-n-butylphthalate	11.963	149	535762	23.962	ng		99
75) Fluoranthene	12.616	202	935046	45.261	ng		100
77) Benzidine	12.739	184	194488	49.321	ng		100
78) Pyrene	12.845	202	950264	38.868	ng		99
80) Butylbenzylphthalate	13.463	149	224636	23.475	ng		98
81) Benzo(a)anthracene	14.033	228	616040	33.215	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	127292	23.750	ng		98
83) Chrysene	14.068	228	560472	33.337	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	317279	24.047	ng		99
85) Di-n-octyl phthalate	14.633	149	467953	25.490	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	365791	26.514	ng		96
88) Benzo(b)fluoranthene	15.086	252	499038	34.142	ng		98
89) Benzo(k)fluoranthene	15.115	252	342364	27.371	ng		98
90) Benzo(a)pyrene	15.457	252	393947	34.445	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	257236	22.599	ng		99
92) Benzo(g,h,i)perylene	17.468	276	292869	26.036	ng		97

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

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