Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141610.D
Acq On : 13 Feb 2025 13:17
Operator : RC/JU
Sample : Q1343-13MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-13MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

Quant Time: Feb 13 13:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	96324	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	378872	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	214420	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	370658	20.000	ng		0.00
76) Chrysene-d12	13.957	240	256669	20.000	ng		0.00
86) Perylene-d12	15.410	264	207782	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	549592	89.450	ng		0.00
7) Phenol-d6	6.428	99	701449	90.327	ng		-0.01
23) Nitrobenzene-d5	7.351	82	459846	63.306	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	212393	98.606	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	858263	61.668	ng		0.00
79) Terphenyl-d14	12.892	244	990319	65.136	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	118840	48.058	ng		99
3) Pyridine	3.328	79	221389	37.622	ng		97
4) n-Nitrosodimethylamine	3.287	42	168613	43.274	ng		93
6) Aniline	6.451	93	127968	17.567	ng	#	23
8) 2-Chlorophenol	6.575	128	304766	45.906	ng		99
9) Benzaldehyde	6.334	77	165850	40.190	ng		99
10) Phenol	6.445	94	366990	45.405	ng		81
11) bis(2-Chloroethyl)ether	6.522	93	279599	46.056	ng		99
12) 1,3-Dichlorobenzene	6.728	146	319791	45.626	ng		97
13) 1,4-Dichlorobenzene	6.804	146	325833	45.501	ng		98
14) 1,2-Dichlorobenzene	6.951	146	309837	46.618	ng		99
15) Benzyl Alcohol	6.934	79	247271	41.523	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	460612	44.323	ng		82
17) 2-Methylphenol	7.051	107	236337	45.490	ng		95
18) Hexachloroethane	7.292	117	123748	46.693	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	215652	46.426	ng		96
20) 3+4-Methylphenols	7.204	107	310548	47.034	ng		94
22) Acetophenone	7.198	105	468055	49.663	ng		96
24) Nitrobenzene	7.369	77	319498	45.106	ng		99
25) Isophorone	7.610	82	579310	50.018	ng		99
26) 2-Nitrophenol	7.687	139	163549	46.410	ng		96
27) 2,4-Dimethylphenol	7.728	122	233752	56.780	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	352179	47.453	ng		99
29) 2,4-Dichlorophenol	7.934	162	260071	46.755	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	275062	45.410	ng		99
31) Naphthalene	8.092	128	903704	45.823	ng		100
32) Benzoic acid	7.869	122	187219	43.782	ng		98
33) 4-Chloroaniline	8.163	127	56490	8.204	ng		99
34) Hexachlorobutadiene	8.204	225	173532	47.721	ng		99
35) Caprolactam	8.516	113	90677m	53.541	ng		
36) 4-Chloro-3-methylphenol	8.639	107	287300	46.628	ng		99
37) 2-Methylnaphthalene	8.781	142	570870	44.483	ng		100
38) 1-Methylnaphthalene	8.881	142	555789	44.715	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	309903	49.957	ng		99
41) Hexachlorocyclopentadiene	8.934	237	312120	151.271	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	185024	46.148	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	195738	45.047	ng	99
46) 1,1'-Biphenyl	9.245	154	832397	50.073	ng	99
47) 2-Chloronaphthalene	9.269	162	564607	45.930	ng	99
48) 2-Nitroaniline	9.375	65	183396	44.455	ng	95
49) Acenaphthylene	9.686	152	861388	47.112	ng	100
50) Dimethylphthalate	9.551	163	680951	46.780	ng	100
51) 2,6-Dinitrotoluene	9.616	165	148967	46.814	ng	96
52) Acenaphthene	9.857	154	551505	44.867	ng	99
53) 3-Nitroaniline	9.786	138	69306	20.236	ng	96
54) 2,4-Dinitrophenol	9.898	184	183827	97.200	ng	92
55) Dibenzofuran	10.033	168	790006	43.786	ng	99
56) 4-Nitrophenol	9.963	139	228337	89.810	ng	96
57) 2,4-Dinitrotoluene	10.022	165	202969	47.913	ng	98
58) Fluorene	10.375	166	628363	45.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	170325	45.530	ng	96
60) Diethylphthalate	10.251	149	654453	45.696	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	309714	46.148	ng	99
62) 4-Nitroaniline	10.404	138	146108	42.013	ng	97
63) Azobenzene	10.528	77	746773	52.450	ng	91
65) 4,6-Dinitro-2-methylph...	10.428	198	121676	47.257	ng	100
66) n-Nitrosodiphenylamine	10.486	169	545490	45.974	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	195046	47.083	ng	98
68) Hexachlorobenzene	10.922	284	204487	47.937	ng	99
69) Atrazine	11.016	200	206125	57.908	ng	99
70) Pentachlorophenol	11.122	266	228642	83.825	ng	100
71) Phenanthrene	11.333	178	996758	48.853	ng	100
72) Anthracene	11.386	178	974400	47.508	ng	100
73) Carbazole	11.545	167	838747	45.449	ng	100
74) Di-n-butylphthalate	11.875	149	1043143	48.953	ng	100
75) Fluoranthene	12.522	202	1032261	47.721	ng	99
77) Benzidine	12.651	184	125473	22.166	ng	98
78) Pyrene	12.751	202	1038726	47.540	ng	100
80) Butylbenzylphthalate	13.369	149	410037	54.180	ng	98
81) Benzo(a)anthracene	13.945	228	800362	46.910	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	152640	31.231	ng	99
83) Chrysene	13.980	228	732342	46.487	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	548077	64.211	ng	99
85) Di-n-octyl phthalate	14.557	149	790920	64.954	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	635689	49.514	ng	99
88) Benzo(b)fluoranthene	14.992	252	681805	48.869	ng	99
89) Benzo(k)fluoranthene	15.021	252	541984	45.494	ng	99
90) Benzo(a)pyrene	15.351	252	557325	49.368	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	508347	48.865	ng	99
92) Benzo(g,h,i)perylene	17.286	276	497505	45.700	ng	99

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

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