Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141538.D
Acq On : 10 Feb 2025 16:49
Operator : RC/JU
Sample : Q1299-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 10 17:16:53 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

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio
02/11/2025
Supervised By :Jagrut Upadhyay
02/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82373	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	334176	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	183694	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	318644	20.000	ng	0.00
76) Chrysene-d12	13.951	240	226761	20.000	ng	-0.01
86) Perylene-d12	15.404	264	178235	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	682488	129.893	ng	0.01
7) Phenol-d6	6.434	99	792263	119.300	ng	0.00
23) Nitrobenzene-d5	7.351	82	601468	93.877	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	261747	141.846	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1122761	94.166	ng	0.00
79) Terphenyl-d14	12.898	244	1363290	101.493	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	88651	41.921	ng	# 79
3) Pyridine	3.357	79	148857	29.581	ng	98
4) n-Nitrosodimethylamine	3.275	42	141162	42.365	ng	100
6) Aniline	6.451	93	84891	13.627	ng	# 1
8) 2-Chlorophenol	6.581	128	250189	44.068	ng	100
9) Benzaldehyde	6.340	77	37135	10.523	ng	95
10) Phenol	6.446	94	264414	38.255	ng	85
11) bis(2-Chloroethyl)ether	6.528	93	228229	43.961	ng	99
12) 1,3-Dichlorobenzene	6.728	146	253959	42.370	ng	98
13) 1,4-Dichlorobenzene	6.804	146	261512	42.703	ng	100
14) 1,2-Dichlorobenzene	6.957	146	249785	43.948	ng	99
15) Benzyl Alcohol	6.934	79	223374	43.863	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	390508	43.941	ng	83
17) 2-Methylphenol	7.051	107	194954	43.880	ng	98
18) Hexachloroethane	7.298	117	97981	43.232	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	180839	45.525	ng	99
20) 3+4-Methylphenols	7.204	107	254481	45.070	ng	99
22) Acetophenone	7.198	105	396696	47.721	ng	97
24) Nitrobenzene	7.375	77	268812	43.027	ng	98
25) Isophorone	7.610	82	488154	47.785	ng	100
26) 2-Nitrophenol	7.687	139	135624	43.633	ng	98
27) 2,4-Dimethylphenol	7.728	122	206979	57.001	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	289604	44.241	ng	99
29) 2,4-Dichlorophenol	7.934	162	215073	43.837	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	226145	42.328	ng	99
31) Naphthalene	8.092	128	733381	42.160	ng	100
32) Benzoic acid	7.863	122	156489	41.490	ng	100
33) 4-Chloroaniline	8.145	127	61689	10.157	ng	98
34) Hexachlorobutadiene	8.204	225	140292	43.740	ng	99
35) Caprolactam	8.510	113	64444m	43.141	ng	
36) 4-Chloro-3-methylphenol	8.634	107	237226	43.651	ng	99
37) 2-Methylnaphthalene	8.781	142	473440	41.825	ng	99
38) 1-Methylnaphthalene	8.881	142	466422	42.544	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	252633	47.537	ng	97
41) Hexachlorocyclopentadiene	8.934	237	266662	150.857	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	153292	44.629	ng	100

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44) 2,4,5-Trichlorophenol	9.116	196	167137	44.898	ng	97
46) 1,1'-Biphenyl	9.245	154	693683	48.709	ng	99
47) 2-Chloronaphthalene	9.269	162	468104	44.450	ng	99
48) 2-Nitroaniline	9.369	65	159132	45.025	ng	100
49) Acenaphthylene	9.686	152	731717	46.714	ng	99
50) Dimethylphthalate	9.551	163	579455	46.466	ng	99
51) 2,6-Dinitrotoluene	9.610	165	124631	45.717	ng	97
52) Acenaphthene	9.857	154	461249	43.801	ng	98
53) 3-Nitroaniline	9.781	138	44311	15.102	ng	100
54) 2,4-Dinitrophenol	9.892	184	168737	104.144	ng	98
55) Dibenzofuran	10.034	168	666650	43.129	ng	99
56) 4-Nitrophenol	9.963	139	188961	86.754	ng	99
57) 2,4-Dinitrotoluene	10.016	165	172451	47.518	ng	99
58) Fluorene	10.375	166	536685	44.906	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	142396	44.431	ng	100
60) Diethylphthalate	10.251	149	561789	45.787	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	258139	44.896	ng	100
62) 4-Nitroaniline	10.398	138	119614	40.148	ng	99
63) Azobenzene	10.528	77	539216	44.207	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	104270	47.107	ng	97
66) n-Nitrosodiphenylamine	10.486	169	464858	45.574	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	162293	45.572	ng	99
68) Hexachlorobenzene	10.922	284	171686	46.817	ng	98
69) Atrazine	11.016	200	163161	53.320	ng	99
70) Pentachlorophenol	11.122	266	214745	91.582	ng	98
71) Phenanthrene	11.339	178	812351	46.314	ng	100
72) Anthracene	11.386	178	836500	47.442	ng	100
73) Carbazole	11.545	167	729687	45.994	ng	100
74) Di-n-butylphthalate	11.875	149	872746	47.642	ng	100
75) Fluoranthene	12.522	202	859147	46.201	ng	100
77) Benzidine	12.651	184	38852	7.769	ng	97
78) Pyrene	12.751	202	877101	45.437	ng	100
80) Butylbenzylphthalate	13.374	149	350512	52.423	ng	98
81) Benzo(a)anthracene	13.939	228	701786	46.557	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	79703	18.459	ng	97
83) Chrysene	13.980	228	614979	44.185	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	436113	57.833	ng	100
85) Di-n-octyl phthalate	14.551	149	614218	57.095	ng	100
87) Indeno(1,2,3-cd)pyrene	16.845	276	581154	52.770	ng	100
88) Benzo(b)fluoranthene	14.986	252	523174	43.716	ng	99
89) Benzo(k)fluoranthene	15.016	252	476619	46.639	ng	98
90) Benzo(a)pyrene	15.345	252	467968	48.325	ng	100
91) Dibenzo(a,h)anthracene	16.863	278	467864	52.430	ng	99
92) Benzo(g,h,i)perylene	17.280	276	458568	49.106	ng	99

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

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