Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142429.D
Acq On : 16 May 2025 16:15
Operator : RC/JU
Sample : Q2034-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

Quant Time: May 16 17:08:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	141569	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	534014	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	281508	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	440790	20.000	ng	0.00
76) Chrysene-d12	14.069	240	277471	20.000	ng	0.00
86) Perylene-d12	15.557	264	307593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	561715	67.733	ng	0.01
7) Phenol-d6	6.522	99	794885	77.931	ng	0.00
23) Nitrobenzene-d5	7.463	82	393774	44.971	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	235363	86.597	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	927648	46.987	ng	0.00
79) Terphenyl-d14	13.010	244	734340	39.172	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	135427	36.264	ng	97
3) Pyridine	3.499	79	354612	40.444	ng	96
4) n-Nitrosodimethylamine	3.452	42	193910	38.052	ng	96
6) Aniline	6.563	93	381208	38.103	ng	98
8) 2-Chlorophenol	6.687	128	373170	42.109	ng	97
9) Benzaldehyde	6.451	77	234001	39.198	ng	99
10) Phenol	6.540	94	466171	43.116	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	343500	32.217	ng	98
12) 1,3-Dichlorobenzene	6.845	146	404700	39.917	ng	98
13) 1,4-Dichlorobenzene	6.922	146	415424	40.809	ng	99
14) 1,2-Dichlorobenzene	7.075	146	389465	39.859	ng	99
15) Benzyl Alcohol	7.040	79	300646	45.520	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	573465	36.017	ng	99
17) 2-Methylphenol	7.151	107	292690	40.795	ng	99
18) Hexachloroethane	7.416	117	140680	41.535	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	241172	38.225	ng	98
20) 3+4-Methylphenols	7.298	107	362025	40.430	ng	96
22) Acetophenone	7.310	105	480090	40.433	ng	99
24) Nitrobenzene	7.481	77	360683	43.699	ng	96
25) Isophorone	7.722	82	655471	39.531	ng	99
26) 2-Nitrophenol	7.798	139	202884	50.742	ng	99
27) 2,4-Dimethylphenol	7.834	122	350641	42.061	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	413235	38.758	ng	99
29) 2,4-Dichlorophenol	8.039	162	316739	44.690	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	333744	41.841	ng	99
31) Naphthalene	8.210	128	1073876	41.492	ng	100
32) Benzoic acid	7.934	122	205322	46.408	ng	98
33) 4-Chloroaniline	8.251	127	114052	10.799	ng	98
34) Hexachlorobutadiene	8.322	225	199435	42.225	ng	99
35) Caprolactam	8.616	113	100987	48.890	ng	94
36) 4-Chloro-3-methylphenol	8.728	107	314891	42.740	ng	100
37) 2-Methylnaphthalene	8.898	142	655023	40.730	ng	99
38) 1-Methylnaphthalene	8.998	142	680335	40.588	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	328317	41.759	ng	99
41) Hexachlorocyclopentadiene	9.051	237	418614	86.151	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	231538	46.688	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	234662	44.472	ng		99
46) 1,1'-Biphenyl	9.363	154	900206	41.706	ng		99
47) 2-Chloronaphthalene	9.386	162	663509	41.336	ng		99
48) 2-Nitroaniline	9.481	65	202099	49.120	ng		92
49) Acenaphthylene	9.804	152	1104014	41.114	ng		99
50) Dimethylphthalate	9.657	163	765493	42.348	ng		100
51) 2,6-Dinitrotoluene	9.722	165	170252	50.317	ng		89
52) Acenaphthene	9.975	154	732671	45.378	ng		99
53) 3-Nitroaniline	9.886	138	91053	22.945	ng		94
54) 2,4-Dinitrophenol	9.992	184	177767	98.467	ng	#	4
55) Dibenzofuran	10.145	168	976347	40.974	ng		100
56) 4-Nitrophenol	10.045	139	259533	86.899	ng		96
57) 2,4-Dinitrotoluene	10.122	165	226504	52.188	ng		96
58) Fluorene	10.492	166	743311	40.875	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	200749	46.086	ng		97
60) Diethylphthalate	10.357	149	728183	40.338	ng		100
61) 4-Chlorophenyl-phenyle...	10.481	204	354162	40.368	ng		99
62) 4-Nitroaniline	10.504	138	161160	51.241	ng		99
63) Azobenzene	10.639	77	738724	42.824	ng		97
65) 4,6-Dinitro-2-methylph...	10.528	198	107669	51.742	ng		99
66) n-Nitrosodiphenylamine	10.598	169	655155	44.666	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	219967	44.032	ng		99
68) Hexachlorobenzene	11.039	284	245073	44.599	ng		94
69) Atrazine	11.122	200	182381	47.170	ng		99
70) Pentachlorophenol	11.228	266	254550	88.055	ng		98
71) Phenanthrene	11.451	178	964480	41.743	ng		100
72) Anthracene	11.504	178	981374	41.338	ng		99
73) Carbazole	11.657	167	817313	38.373	ng		99
74) Di-n-butylphthalate	11.986	149	924662	41.286	ng		100
75) Fluoranthene	12.639	202	865079	37.455	ng		98
77) Benzidine	12.763	184	372327	73.839	ng		97
78) Pyrene	12.869	202	870488	35.246	ng		99
80) Butylbenzylphthalate	13.486	149	308152	43.154	ng		99
81) Benzo(a)anthracene	14.057	228	776047	43.187	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	154061	36.868	ng		100
83) Chrysene	14.092	228	719755	43.027	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	408134	43.881	ng		99
85) Di-n-octyl phthalate	14.657	149	724232	43.645	ng		97
87) Indeno(1,2,3-cd)pyrene	17.057	276	592806	27.705	ng		98
88) Benzo(b)fluoranthene	15.116	252	833513	44.741	ng		99
89) Benzo(k)fluoranthene	15.151	252	735304	43.130	ng		99
90) Benzo(a)pyrene	15.492	252	744506	44.597	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	484525	27.409	ng		98
92) Benzo(g,h,i)perylene	17.515	276	439500	25.050	ng		98

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

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