Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142357.D
Acq On : 13 May 2025 21:30
Operator : RC/JU
Sample : Q2004-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220MSD

Quant Time: May 14 00:58:31 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	234943	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	895836	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	475224	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	717979	20.000	ng	0.00
76) Chrysene-d12	14.068	240	415381	20.000	ng	0.00
86) Perylene-d12	15.557	264	472241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1457984	105.936	ng	0.02
7) Phenol-d6	6.528	99	1718633	101.530	ng	0.00
23) Nitrobenzene-d5	7.469	82	1164765	79.295	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	598163	130.370	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2379006	71.380	ng	0.00
79) Terphenyl-d14	13.016	244	1920539	68.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	180343	29.098	ng	# 82
3) Pyridine	3.587	79	403277	27.715	ng	97
4) n-Nitrosodimethylamine	3.528	42	285272	33.732	ng	96
6) Aniline	6.575	93	318788	19.200	ng	99
8) 2-Chlorophenol	6.692	128	592042	40.255	ng	97
9) Benzaldehyde	6.457	77	195451	19.728	ng	100
10) Phenol	6.545	94	642733	35.821	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	603541	34.109	ng	100
12) 1,3-Dichlorobenzene	6.845	146	556529	33.076	ng	99
13) 1,4-Dichlorobenzene	6.922	146	568127	33.629	ng	100
14) 1,2-Dichlorobenzene	7.075	146	554741	34.210	ng	99
15) Benzyl Alcohol	7.045	79	478413	43.647	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	949622	35.939	ng	99
17) 2-Methylphenol	7.151	107	474643	39.863	ng	99
18) Hexachloroethane	7.416	117	195779	34.830	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	409620	39.121	ng	98
20) 3+4-Methylphenols	7.304	107	581321	39.119	ng	96
22) Acetophenone	7.316	105	775647	38.941	ng	99
24) Nitrobenzene	7.487	77	585857	42.312	ng	97
25) Isophorone	7.722	82	1140590	41.005	ng	99
26) 2-Nitrophenol	7.798	139	305639	45.984	ng	98
27) 2,4-Dimethylphenol	7.834	122	605579	43.302	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	718945	40.196	ng	100
29) 2,4-Dichlorophenol	8.039	162	518716	43.627	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	521639	38.984	ng	99
31) Naphthalene	8.210	128	1681002	38.717	ng	100
32) Benzoic acid	7.939	122	290529	40.776	ng	99
33) 4-Chloroaniline	8.286	127	96486m	5.446	ng	
34) Hexachlorobutadiene	8.328	225	306013	38.622	ng	100
35) Caprolactam	8.622	113	134076m	38.693	ng	
36) 4-Chloro-3-methylphenol	8.733	107	532571	43.090	ng	100
37) 2-Methylnaphthalene	8.898	142	1085644	40.241	ng	99
38) 1-Methylnaphthalene	8.998	142	1120234	39.839	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	534457	40.268	ng	99
41) Hexachlorocyclopentadiene	9.051	237	628200	76.584	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	380867	45.494	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	406700	45.657	ng		98
46) 1,1'-Biphenyl	9.363	154	1502945	41.247	ng		99
47) 2-Chloronaphthalene	9.386	162	1109375	40.940	ng		99
48) 2-Nitroaniline	9.480	65	340347	49.001	ng		96
49) Acenaphthylene	9.804	152	1859652	41.024	ng		100
50) Dimethylphthalate	9.663	163	1401844	45.939	ng		100
51) 2,6-Dinitrotoluene	9.728	165	291988	51.119	ng		90
52) Acenaphthene	9.980	154	1207434	44.299	ng		99
53) 3-Nitroaniline	9.892	138	120001	17.913	ng		98
54) 2,4-Dinitrophenol	9.998	184	272124	90.004	ng	#	1
55) Dibenzofuran	10.151	168	1630397	40.531	ng		99
56) 4-Nitrophenol	10.045	139	400993	79.533	ng		98
57) 2,4-Dinitrotoluene	10.128	165	384914	52.535	ng		97
58) Fluorene	10.492	166	1219550	39.727	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	335317	45.600	ng		98
60) Diethylphthalate	10.363	149	1359713	44.618	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	624401	42.159	ng		99
62) 4-Nitroaniline	10.510	138	247446	46.605	ng		99
63) Azobenzene	10.645	77	1192156	40.938	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	168843	50.082	ng		98
66) n-Nitrosodiphenylamine	10.604	169	1079324	45.176	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	392880	48.283	ng		97
68) Hexachlorobenzene	11.039	284	414346	46.292	ng		96
69) Atrazine	11.127	200	221679	35.199	ng		98
70) Pentachlorophenol	11.227	266	446756	94.879	ng		98
71) Phenanthrene	11.457	178	1611570	42.821	ng		99
72) Anthracene	11.504	178	1638959	42.384	ng		100
73) Carbazole	11.657	167	1381500	39.821	ng		99
74) Di-n-butylphthalate	11.986	149	1945443	53.328	ng		100
75) Fluoranthene	12.639	202	1439366	38.260	ng		100
77) Benzidine	12.769	184	63185	8.370	ng		97
78) Pyrene	12.868	202	1402973	37.946	ng		100
80) Butylbenzylphthalate	13.486	149	583166	53.586	ng		99
81) Benzo(a)anthracene	14.057	228	1163771	43.262	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	164721	26.331	ng		99
83) Chrysene	14.098	228	1121886	44.799	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	800985	56.209	ng		100
85) Di-n-octyl phthalate	14.663	149	1369610	53.071	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1182113	35.985	ng		99
88) Benzo(b)fluoranthene	15.121	252	1209754	42.297	ng		99
89) Benzo(k)fluoranthene	15.151	252	1232834	47.101	ng		100
90) Benzo(a)pyrene	15.498	252	1181056	46.081	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	990307	36.489	ng		99
92) Benzo(g,h,i)perylene	17.521	276	868911	32.258	ng		99

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

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