Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
Data File : BF143072.D
Acq On : 11 Jul 2025 12:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 11 17:37:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 17:21:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	141688	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	561210	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	291458	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	441744	20.000	ng	0.00
76) Chrysene-d12	14.121	240	219487	20.000	ng	0.00
86) Perylene-d12	15.627	264	225423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	94976	10.649	ng	0.00
7) Phenol-d6	6.575	99	121715	10.786	ng	-0.01
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	10.786	330	15086	6.993	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	211206	11.390	ng	0.00
79) Terphenyl-d14	13.069	244	148201	11.665	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	21410	5.108	ng	96
3) Pyridine	3.587	79	53649	5.217	ng	98
6) Aniline	6.622	93	59066	5.255	ng	100
8) 2-Chlorophenol	6.745	128	46719	5.196	ng	99
10) Phenol	6.587	94	62748	5.362	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	50580	5.506	ng	99
12) 1,3-Dichlorobenzene	6.910	146	56312	5.555	ng	97
13) 1,4-Dichlorobenzene	6.987	146	55293	5.446	ng	98
14) 1,2-Dichlorobenzene	7.140	146	53140	5.623	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	93489	5.586	ng	99
17) 2-Methylphenol	7.198	107	39246	5.282	ng	97
18) Hexachloroethane	7.487	117	15549	4.760	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	37405	5.386	ng	97
22) Acetophenone	7.363	105	73461	5.603	ng	97
24) Nitrobenzene	7.534	77	27565	3.367	ng	96
25) Isophorone	7.775	82	90153	5.287	ng	99
26) 2-Nitrophenol	7.857	139	5615	5.704	ng	98
27) 2,4-Dimethylphenol	7.887	122	30903	5.000	ng	97
28) bis(2-Chloroethoxy)met...	7.987	93	61790	5.510	ng	98
29) 2,4-Dichlorophenol	8.092	162	32754	4.507	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	45330	5.438	ng	99
31) Naphthalene	8.269	128	154426	5.568	ng	99
33) 4-Chloroaniline	8.304	127	49212	5.252	ng	99
34) Hexachlorobutadiene	8.392	225	25893	5.293	ng	98
36) 4-Chloro-3-methylphenol	8.775	107	37314	4.775	ng	100
37) 2-Methylnaphthalene	8.957	142	101007	5.572	ng	99
38) 1-Methylnaphthalene	9.057	142	99687	5.714	ng	97
40) 1,2,4,5-Tetrachloroben...	9.128	216	45411	5.319	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	18021	3.777	ng	98
44) 2,4,5-Trichlorophenol	9.263	196	20956	4.214	ng	98
46) 1,1'-Biphenyl	9.422	154	126656	5.534	ng	99
47) 2-Chloronaphthalene	9.445	162	89295	5.387	ng	99
48) 2-Nitroaniline	9.528	65	6524	6.171	ng	98
49) Acenaphthylene	9.863	152	129862	5.337	ng	99
50) Dimethylphthalate	9.710	163	93221	5.147	ng	100
51) 2,6-Dinitrotoluene	9.769	165	5910	5.799	ng	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	10.033	154	90062	5.495	ng		99
53) 3-Nitroaniline	9.933	138	7018	5.647	ng	#	86
55) Dibenzofuran	10.204	168	131855	5.509	ng		99
57) 2,4-Dinitrotoluene	10.169	165	5417	6.064	ng	#	80
58) Fluorene	10.551	166	99550	5.682	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	15342	3.829	ng		96
60) Diethylphthalate	10.416	149	84335	5.060	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	48276	5.544	ng		99
62) 4-Nitroaniline	10.539	138	6892	5.485	ng		78
63) Azobenzene	10.698	77	102294	5.392	ng		99
66) n-Nitrosodiphenylamine	10.651	169	79943	5.267	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	26063	5.076	ng		97
68) Hexachlorobenzene	11.098	284	27109	5.247	ng		98
69) Atrazine	11.175	200	15141	4.684	ng		97
71) Phenanthrene	11.510	178	133566	5.517	ng		99
72) Anthracene	11.563	178	126046	5.342	ng		98
73) Carbazole	11.710	167	104589	5.363	ng		99
74) Di-n-butylphthalate	12.045	149	77477	4.006	ng		99
75) Fluoranthene	12.698	202	111709	5.365	ng		99
78) Pyrene	12.927	202	110385	5.757	ng		99
80) Butylbenzylphthalate	13.545	149	8577	5.839	ng		92
81) Benzo(a)anthracene	14.116	228	71321	5.080	ng		99
83) Chrysene	14.151	228	66661	5.063	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	19912	3.586	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.157	276	73820	4.765	ng		98
88) Benzo(b)fluoranthene	15.180	252	62700	4.727	ng		98
89) Benzo(k)fluoranthene	15.210	252	58280	4.975	ng		99
90) Benzo(a)pyrene	15.563	252	52194	4.605	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	59014	4.665	ng		98
92) Benzo(g,h,i)perylene	17.621	276	65204	4.900	ng		97

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

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