Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
Data File : BF143168.D
Acq On : 21 Jul 2025 13:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 21 13:49:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129313	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	471327	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	224541	20.000	ng		0.00
64) Phenanthrene-d10	11.481	188	352118	20.000	ng		0.00
76) Chrysene-d12	14.122	240	287236	20.000	ng		0.00
86) Perylene-d12	15.621	264	333940	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	657471	80.458	ng		0.00
7) Phenol-d6	6.581	99	802907	78.062	ng		0.00
23) Nitrobenzene-d5	7.522	82	814350	86.125	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	180488	77.809	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1378979	83.990	ng		0.00
79) Terphenyl-d14	13.069	244	1268018	65.693	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	157045	40.616	ng		99
3) Pyridine	3.569	79	397401	39.598	ng		99
4) n-Nitrosodimethylamine	3.510	42	206648	39.881	ng		98
6) Aniline	6.622	93	553372	38.603	ng		100
8) 2-Chlorophenol	6.746	128	336890	39.331	ng		100
9) Benzaldehyde	6.510	77	334989	43.434	ng		98
10) Phenol	6.598	94	457555	40.835	ng		99
11) bis(2-Chloroethyl)ether	6.693	93	332934	38.807	ng		99
12) 1,3-Dichlorobenzene	6.904	146	367627	39.509	ng		100
13) 1,4-Dichlorobenzene	6.981	146	369143	39.394	ng		99
14) 1,2-Dichlorobenzene	7.134	146	349217	39.183	ng		99
15) Benzyl Alcohol	7.098	79	301160	38.347	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	608843	38.256	ng		100
17) 2-Methylphenol	7.204	107	275196	38.211	ng		100
18) Hexachloroethane	7.481	117	129354	39.875	ng		99
19) n-Nitroso-di-n-propyla...	7.369	70	237904	36.052	ng		99
20) 3+4-Methylphenols	7.357	107	341442	39.075	ng		94
22) Acetophenone	7.369	105	441669	39.581	ng	#	97
24) Nitrobenzene	7.540	77	355142	40.286	ng		99
25) Isophorone	7.781	82	624906	37.437	ng		99
26) 2-Nitrophenol	7.857	139	158275	41.369	ng		99
27) 2,4-Dimethylphenol	7.887	122	299842	38.448	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	383681	38.338	ng		99
29) 2,4-Dichlorophenol	8.092	162	258476	39.301	ng		98
30) 1,2,4-Trichlorobenzene	8.187	180	280639	39.497	ng		99
31) Naphthalene	8.269	128	908828	39.153	ng		100
32) Benzoic acid	7.975	122	158708	37.408	ng		97
33) 4-Chloroaniline	8.304	127	362956	38.294	ng		99
34) Hexachlorobutadiene	8.387	225	173724	40.025	ng		99
35) Caprolactam	8.669	113	74522	37.497	ng		99
36) 4-Chloro-3-methylphenol	8.781	107	269483	37.698	ng		99
37) 2-Methylnaphthalene	8.957	142	542306	38.393	ng		100
38) 1-Methylnaphthalene	9.057	142	556301	38.246	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	264356	40.778	ng		99
41) Hexachlorocyclopentadiene	9.116	237	172355	40.861	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	175117	39.031	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	184547	41.120	ng		98
46) 1,1'-Biphenyl	9.416	154	707353	40.377	ng		99
47) 2-Chloronaphthalene	9.445	162	525598	40.548	ng		99
48) 2-Nitroaniline	9.528	65	165406	40.690	ng		98
49) Acenaphthylene	9.863	152	863039	39.729	ng		99
50) Dimethylphthalate	9.710	163	566336	38.694	ng		100
51) 2,6-Dinitrotoluene	9.769	165	119406	40.104	ng		97
52) Acenaphthene	10.034	154	504677	39.307	ng		98
53) 3-Nitroaniline	9.939	138	137824	39.575	ng		99
54) 2,4-Dinitrophenol	10.039	184	45312	37.445	ng	#	1
55) Dibenzofuran	10.204	168	734501	38.531	ng		100
56) 4-Nitrophenol	10.086	139	102456	39.397	ng		99
57) 2,4-Dinitrotoluene	10.175	165	146697	39.271	ng		96
58) Fluorene	10.545	166	538833	37.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	144159	38.777	ng		98
60) Diethylphthalate	10.416	149	547097	37.818	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	273201	38.350	ng		99
62) 4-Nitroaniline	10.551	138	119360	39.990	ng		99
63) Azobenzene	10.698	77	576949	38.266	ng		99
65) 4,6-Dinitro-2-methylph...	10.581	198	66513	37.382	ng		99
66) n-Nitrosodiphenylamine	10.651	169	481048	38.797	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	163603	38.987	ng		99
68) Hexachlorobenzene	11.098	284	169940	38.746	ng		99
69) Atrazine	11.175	200	138282	40.453	ng		100
70) Pentachlorophenol	11.286	266	104038	40.335	ng		99
71) Phenanthrene	11.510	178	733886	39.253	ng		100
72) Anthracene	11.557	178	753506	39.516	ng		99
73) Carbazole	11.710	167	682345	40.981	ng		99
74) Di-n-butylphthalate	12.039	149	791333	42.003	ng		100
75) Fluoranthene	12.698	202	740826	43.170	ng		100
77) Benzidine	12.810	184	413383	37.355	ng		99
78) Pyrene	12.927	202	973730	39.721	ng		100
80) Butylbenzylphthalate	13.539	149	301689	40.190	ng		98
81) Benzo(a)anthracene	14.110	228	733039	38.119	ng		99
82) 3,3'-Dichlorobenzidine	14.069	252	262058	40.887	ng		99
83) Chrysene	14.151	228	699518	40.458	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	476503	41.939	ng		100
85) Di-n-octyl phthalate	14.716	149	849672	41.256	ng		100
87) Indeno(1,2,3-cd)pyrene	17.163	276	928926	39.449	ng		99
88) Benzo(b)fluoranthene	15.180	252	845849	41.462	ng		100
89) Benzo(k)fluoranthene	15.210	252	683472	37.544	ng		100
90) Benzo(a)pyrene	15.563	252	747409	39.764	ng		100
91) Dibenzo(a,h)anthracene	17.180	278	763328	39.827	ng		100
92) Benzo(g,h,i)perylene	17.633	276	746866	40.284	ng		99

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

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