Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	61998	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	227764	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	130458	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	228211	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	137488	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	181907	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	316085	79.782	ng	-0.01
7) Phenol-d6	6.498	99	344045	76.640	ng	0.00
23) Nitrobenzene-d5	7.428	82	315463	79.993	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	124886	76.285	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	660061	74.726	ng	0.00
79) Terphenyl-d14	12.980	244	694139	80.194	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	67352	41.120	ng	98
3) Pyridine	3.357	79	189120	41.386	ng	98
4) n-Nitrosodimethylamine	3.299	42	83681	35.058	ng	90
6) Aniline	6.528	93	250014	39.090	ng	97
8) 2-Chlorophenol	6.651	128	152145	39.159	ng	97
9) Benzaldehyde	6.416	77	108883	42.954	ng	98
10) Phenol	6.510	94	215285	39.252	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	162957	40.775	ng	99
12) 1,3-Dichlorobenzene	6.804	146	183746	38.325	ng	98
13) 1,4-Dichlorobenzene	6.881	146	184759	38.466	ng	99
14) 1,2-Dichlorobenzene	7.034	146	178196	38.706	ng	97
15) Benzyl Alcohol	7.004	79	138263	38.897	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	300892	40.884	ng	93
17) 2-Methylphenol	7.116	107	123237	39.870	ng	98
18) Hexachloroethane	7.375	117	61135	38.311	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	108927	36.859	ng	96
20) 3+4-Methylphenols	7.275	107	138067	37.893	ng	92
22) Acetophenone	7.275	105	189743	38.834	ng	99
24) Nitrobenzene	7.445	77	170420	39.801	ng	97
25) Isophorone	7.687	82	302058	40.493	ng	98
26) 2-Nitrophenol	7.763	139	90123	42.519	ng	94
27) 2,4-Dimethylphenol	7.798	122	129009	40.608	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	193873	41.620	ng	97
29) 2,4-Dichlorophenol	8.004	162	146706	40.066	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	144573	38.451	ng	98
31) Naphthalene	8.169	128	433206	39.984	ng	99
32) Benzoic acid	7.916	122	86460	37.128	ng	90
33) 4-Chloroaniline	8.216	127	163521	41.382	ng	99
34) Hexachlorobutadiene	8.281	225	104761	36.970	ng	99
35) Caprolactam	8.592	113	42912	42.776	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	134480	40.980	ng	99
37) 2-Methylnaphthalene	8.857	142	292804	40.421	ng	99
38) 1-Methylnaphthalene	8.957	142	278735	39.879	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	160720	37.591	ng	98
41) Hexachlorocyclopentadiene	9.010	237	45408	36.012	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	113575	39.029	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	119156	37.992	ng		99
46) 1,1'-Biphenyl	9.322	154	352310	38.688	ng		99
47) 2-Chloronaphthalene	9.351	162	301988	38.877	ng		98
48) 2-Nitroaniline	9.445	65	90620	40.432	ng		96
49) Acenaphthylene	9.763	152	426138	40.257	ng		99
50) Dimethylphthalate	9.616	163	353006	40.845	ng		99
51) 2,6-Dinitrotoluene	9.686	165	72349	41.353	ng		97
52) Acenaphthene	9.934	154	261640	36.962	ng		99
53) 3-Nitroaniline	9.863	138	80777	42.236	ng		97
54) 2,4-Dinitrophenol	9.975	184	48299	45.717	ng		94
55) Dibenzofuran	10.110	168	389422	39.280	ng		100
56) 4-Nitrophenol	10.028	139	52660	38.064	ng		92
57) 2,4-Dinitrotoluene	10.092	165	97946	41.820	ng	#	100
58) Fluorene	10.451	166	301794	40.038	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	87657	39.503	ng		99
60) Diethylphthalate	10.322	149	329902	41.408	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	165497	38.545	ng		100
62) 4-Nitroaniline	10.475	138	75534	41.472	ng		91
63) Azobenzene	10.604	77	309983	41.806	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	55891	36.051	ng		95
66) n-Nitrosodiphenylamine	10.563	169	289317	39.417	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	109150	37.471	ng		97
68) Hexachlorobenzene	11.004	284	125445	36.562	ng		98
69) Atrazine	11.092	200	89043	38.146	ng		97
70) Pentachlorophenol	11.204	266	66655	39.013	ng		97
71) Phenanthrene	11.422	178	446599	39.305	ng		99
72) Anthracene	11.469	178	462648	40.044	ng		99
73) Carbazole	11.628	167	386607	39.352	ng		99
74) Di-n-butylphthalate	11.951	149	509802	42.925	ng		99
75) Fluoranthene	12.610	202	450444	38.377	ng		98
77) Benzidine	12.733	184	205175	50.451	ng		99
78) Pyrene	12.839	202	460732	41.562	ng		99
80) Butylbenzylphthalate	13.457	149	174559	45.433	ng		97
81) Benzo(a)anthracene	14.033	228	387931	40.711	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	133248	40.795	ng		96
83) Chrysene	14.069	228	374149	42.534	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	241874	45.987	ng		100
85) Di-n-octyl phthalate	14.627	149	423391	46.657	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	495326	37.933	ng	#	96
88) Benzo(b)fluoranthene	15.092	252	401113	38.786	ng		99
89) Benzo(k)fluoranthene	15.121	252	397316	41.046	ng		98
90) Benzo(a)pyrene	15.463	252	384073	40.256	ng	#	98
91) Dibenzo(a,h)anthracene	17.045	278	397938	37.946	ng		98
92) Benzo(g,h,i)perylene	17.486	276	392773	37.927	ng		98

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

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