Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
Data File : BP025287.D
Acq On : 01 Aug 2025 10:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 01 10:52:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.390	152	540230	20.000	ng		-0.01
21) Naphthalene-d8	10.131	136	2089372	20.000	ng		-0.01
39) Acenaphthene-d10	14.031	164	1279900	20.000	ng		-0.02
64) Phenanthrene-d10	16.866	188	2414790	20.000	ng		-0.01
76) Chrysene-d12	21.289	240	2500821	20.000	ng		-0.02
86) Perylene-d12	24.383	264	3014490	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2700550	84.463	ng		-0.01
7) Phenol-d6	6.643	99	3325744	83.984	ng		0.00
23) Nitrobenzene-d5	8.531	82	3327654	88.509	ng		0.00
42) 2,4,6-Tribromophenol	15.572	330	1464368	77.609	ng		0.00
45) 2-Fluorobiphenyl	12.637	172	7788078	85.786	ng		-0.01
79) Terphenyl-d14	19.625	244	10770335	85.016	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.096	88	492056	41.063	ng		98
3) Pyridine	3.478	79	1305966	40.713	ng		96
4) n-Nitrosodimethylamine	3.390	42	577660	45.410	ng		90
6) Aniline	6.755	93	1776124	34.312	ng		98
8) 2-Chlorophenol	6.990	128	1497771	41.286	ng		100
9) Benzaldehyde	6.566	77	1025643	38.200	ng		98
10) Phenol	6.666	94	1690062	41.153	ng		97
11) bis(2-Chloroethyl)ether	6.849	93	1394837	44.302	ng		99
12) 1,3-Dichlorobenzene	7.284	146	1687575	41.366	ng		98
13) 1,4-Dichlorobenzene	7.425	146	1719994	41.768	ng		99
14) 1,2-Dichlorobenzene	7.731	146	1638869	41.371	ng		99
15) Benzyl Alcohol	7.649	79	1109082	38.827	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.913	45	1719932	42.693	ng		99
17) 2-Methylphenol	7.872	107	1163599	40.869	ng		98
18) Hexachloroethane	8.437	117	603158	42.591	ng		99
19) n-Nitroso-di-n-propyla...	8.202	70	954322	40.059	ng		98
20) 3+4-Methylphenols	8.202	107	1535270	39.531	ng	#	50
22) Acetophenone	8.207	105	2058459	42.339	ng	#	94
24) Nitrobenzene	8.572	77	1469434	43.845	ng		95
25) Isophorone	9.096	82	2694045	40.748	ng		99
26) 2-Nitrophenol	9.272	139	826148	42.926	ng		97
27) 2,4-Dimethylphenol	9.366	122	1325610	41.163	ng		98
28) bis(2-Chloroethoxy)met...	9.566	93	1705972	41.252	ng		99
29) 2,4-Dichlorophenol	9.831	162	1354688	40.945	ng		99
30) 1,2,4-Trichlorobenzene	10.001	180	1517662	41.998	ng		99
31) Naphthalene	10.178	128	4405936	41.209	ng		99
32) Benzoic acid	9.590	122	723756m	29.438	ng		
33) 4-Chloroaniline	10.307	127	1647166m	35.048	ng		
34) Hexachlorobutadiene	10.472	225	920275	42.312	ng		99
35) Caprolactam	11.137	113	410174	37.354	ng		87
36) 4-Chloro-3-methylphenol	11.490	107	1304412	39.440	ng		99
37) 2-Methylnaphthalene	11.807	142	2819470	40.612	ng		99
38) 1-Methylnaphthalene	12.019	142	2934300	40.236	ng		100
40) 1,2,4,5-Tetrachloroben...	12.190	216	1622157	42.282	ng		100
41) Hexachlorocyclopentadiene	12.166	237	864558	37.751	ng		99
43) 2,4,6-Trichlorophenol	12.454	196	1084250	41.362	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1166790	40.448	ng		99
46) 1,1'-Biphenyl	12.848	154	3906260	42.101	ng		100
47) 2-Chloronaphthalene	12.890	162	3042065	41.995	ng		100
48) 2-Nitroaniline	13.113	65	806432	43.594	ng		98
49) Acenaphthylene	13.748	152	4914671	41.947	ng		100
50) Dimethylphthalate	13.501	163	3730729	40.758	ng		99
51) 2,6-Dinitrotoluene	13.619	165	821179	41.288	ng		93
52) Acenaphthene	14.101	154	2839083	41.905	ng		100
53) 3-Nitroaniline	13.960	138	832100	37.100	ng		99
54) 2,4-Dinitrophenol	14.184	184	458911	38.943	ng		98
55) Dibenzofuran	14.448	168	4440611	40.577	ng		94
56) 4-Nitrophenol	14.372	139	792677	41.302	ng		93
57) 2,4-Dinitrotoluene	14.437	165	1160792	41.694	ng	#	85
58) Fluorene	15.119	166	3593969	41.366	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.701	232	975805	38.223	ng		98
60) Diethylphthalate	14.907	149	3643216	40.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.125	204	1785539	40.671	ng		98
62) 4-Nitroaniline	15.166	138	828131	36.306	ng		92
63) Azobenzene	15.419	77	3123150	42.481	ng		94
65) 4,6-Dinitro-2-methylph...	15.219	198	668087	42.870	ng		99
66) n-Nitrosodiphenylamine	15.342	169	3111102	42.446	ng		100
67) 4-Bromophenyl-phenylether	16.031	248	1170809	41.545	ng		98
68) Hexachlorobenzene	16.154	284	1387849	41.468	ng		95
69) Atrazine	16.342	200	1166111	42.995	ng		99
70) Pentachlorophenol	16.525	266	969448	42.597	ng		99
71) Phenanthrene	16.907	178	5422649	41.635	ng		100
72) Anthracene	16.989	178	5535345	42.188	ng		99
73) Carbazole	17.289	167	5237563	41.817	ng		99
74) Di-n-butylphthalate	17.901	149	6362166	44.024	ng		100
75) Fluoranthene	19.013	202	6400613	41.757	ng		99
77) Benzidine	19.225	184	2873971	32.734	ng		99
78) Pyrene	19.389	202	6677982	43.308	ng		99
80) Butylbenzylphthalate	20.377	149	3010355	43.129	ng		98
81) Benzo(a)anthracene	21.271	228	6633971	42.006	ng		100
82) 3,3'-Dichlorobenzidine	21.213	252	2604292	39.782	ng		99
83) Chrysene	21.336	228	6245712	42.365	ng		100
84) Bis(2-ethylhexyl)phtha...	21.242	149	4346566	43.550	ng		100
85) Di-n-octyl phthalate	22.442	149	7645784	44.363	ng		99
87) Indeno(1,2,3-cd)pyrene	27.895	276	9186925	41.703	ng		99
88) Benzo(b)fluoranthene	23.418	252	7105770	41.180	ng		99
89) Benzo(k)fluoranthene	23.483	252	7115226	41.769	ng		99
90) Benzo(a)pyrene	24.248	252	6912773	41.060	ng		99
91) Dibenzo(a,h)anthracene	27.977	278	7514258	41.810	ng		99
92) Benzo(g,h,i)perylene	28.983	276	7320184	41.445	ng		97

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

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