Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025875.D
Acq On : 29 Sep 2025 10:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 29 12:06:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.743	152	234395	20.000	ng		-0.02
21) Naphthalene-d8	10.513	136	868295	20.000	ng		-0.01
39) Acenaphthene-d10	14.372	164	527881	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	977878	20.000	ng		-0.01
76) Chrysene-d12	21.613	240	1032519	20.000	ng		-0.03
86) Perylene-d12	24.965	264	1270410	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	1205486	82.984	ng		0.00
7) Phenol-d6	6.949	99	1448318	75.009	ng		0.00
23) Nitrobenzene-d5	8.890	82	1511353	76.779	ng		-0.01
42) 2,4,6-Tribromophenol	15.883	330	582260	88.432	ng		-0.02
45) 2-Fluorobiphenyl	12.978	172	3372916	85.077	ng		-0.01
79) Terphenyl-d14	19.889	244	4735897	82.515	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	242650	39.799	ng		92
3) Pyridine	3.702	79	634939	37.821	ng		91
4) n-Nitrosodimethylamine	3.614	42	250362	31.604	ng	#	78
6) Aniline	7.084	93	962602	36.317	ng		98
8) 2-Chlorophenol	7.325	128	639415	40.123	ng		97
9) Benzaldehyde	6.902	77	558620	48.269	ng		96
10) Phenol	6.972	94	760840	37.370	ng		94
11) bis(2-Chloroethyl)ether	7.172	93	617643	37.759	ng		94
12) 1,3-Dichlorobenzene	7.637	146	736814	40.624	ng		96
13) 1,4-Dichlorobenzene	7.778	146	741152	40.116	ng		99
14) 1,2-Dichlorobenzene	8.090	146	705959	39.332	ng		99
15) Benzyl Alcohol	7.990	79	559314	35.055	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.260	45	858174	32.081	ng		96
17) 2-Methylphenol	8.196	107	510416	37.184	ng		99
18) Hexachloroethane	8.807	117	278921	39.524	ng		98
19) n-Nitroso-di-n-propyla...	8.543	70	467195	34.691	ng		91
20) 3+4-Methylphenols	8.525	107	669804	34.842	ng		97
22) Acetophenone	8.560	105	922225	39.744	ng		96
24) Nitrobenzene	8.931	77	672450	38.080	ng		94
25) Isophorone	9.454	82	1289069	37.258	ng		99
26) 2-Nitrophenol	9.637	139	342863	43.731	ng		90
27) 2,4-Dimethylphenol	9.707	122	540090	39.267	ng		98
28) bis(2-Chloroethoxy)met...	9.925	93	794263	39.714	ng		99
29) 2,4-Dichlorophenol	10.184	162	571641	41.684	ng		97
30) 1,2,4-Trichlorobenzene	10.378	180	657529	42.543	ng		99
31) Naphthalene	10.566	128	1839816	39.296	ng		99
32) Benzoic acid	9.896	122	385863	37.733	ng		95
33) 4-Chloroaniline	10.678	127	761154	39.005	ng		97
34) Hexachlorobutadiene	10.848	225	445097	44.736	ng		100
35) Caprolactam	11.495	113	213539	40.394	ng	#	82
36) 4-Chloro-3-methylphenol	11.825	107	599249	36.651	ng		97
37) 2-Methylnaphthalene	12.172	142	1170166	38.913	ng		98
38) 1-Methylnaphthalene	12.390	142	1210526	37.750	ng		100
40) 1,2,4,5-Tetrachloroben...	12.548	216	738031	46.138	ng		99
41) Hexachlorocyclopentadiene	12.519	237	445575	51.144	ng		97
43) 2,4,6-Trichlorophenol	12.795	196	476847	45.346	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	505702	43.210	ng	#	93
46) 1,1'-Biphenyl	13.189	154	1628670	42.034	ng		99
47) 2-Chloronaphthalene	13.237	162	1273363	41.737	ng		98
48) 2-Nitroaniline	13.442	65	360166	35.414	ng		90
49) Acenaphthylene	14.089	152	1969033	38.952	ng		100
50) Dimethylphthalate	13.819	163	1552173	38.514	ng		100
51) 2,6-Dinitrotoluene	13.942	165	341267	39.968	ng		91
52) Acenaphthene	14.436	154	1138698	39.061	ng		99
53) 3-Nitroaniline	14.284	138	336897	37.520	ng		97
54) 2,4-Dinitrophenol	14.507	184	209117	40.221	ng		93
55) Dibenzofuran	14.778	168	1855214	39.047	ng		97
56) 4-Nitrophenol	14.660	139	272522	37.752	ng		90
57) 2,4-Dinitrotoluene	14.754	165	460016	37.856	ng		87
58) Fluorene	15.436	166	1462178	38.702	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	432029	40.979	ng		93
60) Diethylphthalate	15.201	149	1530299	37.433	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	772446	40.569	ng		95
62) 4-Nitroaniline	15.472	138	334491	36.363	ng		91
63) Azobenzene	15.725	77	1391089	35.192	ng		96
65) 4,6-Dinitro-2-methylph...	15.531	198	297345	45.723	ng		85
66) n-Nitrosodiphenylamine	15.642	169	1274881	42.602	ng		99
67) 4-Bromophenyl-phenylether	16.336	248	498010	46.357	ng		96
68) Hexachlorobenzene	16.460	284	549218	45.844	ng	#	90
69) Atrazine	16.619	200	473557	41.399	ng		96
70) Pentachlorophenol	16.825	266	346795	43.860	ng		99
71) Phenanthrene	17.213	178	2210343	39.847	ng		99
72) Anthracene	17.307	178	2267745	40.292	ng		99
73) Carbazole	17.595	167	2042516	39.035	ng		99
74) Di-n-butylphthalate	18.172	149	2690299	41.896	ng		99
75) Fluoranthene	19.295	202	2582488	38.818	ng		100
77) Benzidine	19.495	184	1278981	43.002	ng		100
78) Pyrene	19.677	202	2652731	38.504	ng		99
80) Butylbenzylphthalate	20.618	149	1229794	40.711	ng		92
81) Benzo(a)anthracene	21.595	228	2849641	40.313	ng		99
82) 3,3'-Dichlorobenzidine	21.513	252	1042838	42.666	ng		100
83) Chrysene	21.660	228	2698548	40.048	ng		100
84) Bis(2-ethylhexyl)phtha...	21.518	149	1794472	40.603	ng		99
85) Di-n-octyl phthalate	22.789	149	3326850	42.318	ng		95
87) Indeno(1,2,3-cd)pyrene	28.789	276	3881966	42.019	ng	#	82
88) Benzo(b)fluoranthene	23.912	252	3090575	39.782	ng		99
89) Benzo(k)fluoranthene	23.983	252	3002157	37.870	ng		100
90) Benzo(a)pyrene	24.818	252	2987689	39.270	ng		99
91) Dibenzo(a,h)anthracene	28.859	278	3221817	42.615	ng		98
92) Benzo(g,h,i)perylene	29.983	276	3120318	41.968	ng		99

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

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