Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025470.D
Acq On : 19 Aug 2025 10:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 19 12:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	152340	20.000	ng	-0.01
21) Naphthalene-d8	10.560	136	634765	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	424501	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	850052	20.000	ng	# 0.00
76) Chrysene-d12	21.654	240	848020	20.000	ng	0.00
86) Perylene-d12	25.018	264	967213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	749096	81.661	ng	0.00
7) Phenol-d6	6.966	99	966571	82.185	ng	0.00
23) Nitrobenzene-d5	8.931	82	1024289	81.627	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	464282	81.256	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2459410	79.181	ng	0.00
79) Terphenyl-d14	19.919	244	3707367	79.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	144857	40.315	ng	99
3) Pyridine	3.731	79	395262	40.190	ng	99
4) n-Nitrosodimethylamine	3.631	42	173283	42.738	ng	98
6) Aniline	7.119	93	635215	40.087	ng	99
8) 2-Chlorophenol	7.360	128	418000	40.380	ng	99
9) Benzaldehyde	6.937	77	379395	46.044	ng	98
10) Phenol	6.996	94	503304	40.784	ng	99
11) bis(2-Chloroethyl)ether	7.213	93	387587	40.295	ng	100
12) 1,3-Dichlorobenzene	7.684	146	457432	40.075	ng	99
13) 1,4-Dichlorobenzene	7.819	146	470304	40.312	ng	100
14) 1,2-Dichlorobenzene	8.137	146	450046	39.850	ng	99
15) Benzyl Alcohol	8.019	79	373613	39.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	525543	40.786	ng	99
17) 2-Methylphenol	8.225	107	346865	40.470	ng	98
18) Hexachloroethane	8.860	117	174831	40.757	ng	97
19) n-Nitroso-di-n-propyla...	8.584	70	308279	39.573	ng	98
20) 3+4-Methylphenols	8.549	107	476179	40.080	ng	97
22) Acetophenone	8.596	105	638557	40.114	ng	99
24) Nitrobenzene	8.972	77	453746	40.460	ng	97
25) Isophorone	9.496	82	905645	40.781	ng	100
26) 2-Nitrophenol	9.672	139	236646	41.117	ng	97
27) 2,4-Dimethylphenol	9.737	122	405811	41.001	ng	99
28) bis(2-Chloroethoxy)met...	9.966	93	537984	40.077	ng	97
29) 2,4-Dichlorophenol	10.207	162	398311	40.511	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	424899	39.422	ng	97
31) Naphthalene	10.607	128	1313518	39.813	ng	99
32) Benzoic acid	9.901	122	503342	68.883	ng	98
33) 4-Chloroaniline	10.713	127	589602	40.457	ng	98
34) Hexachlorobutadiene	10.896	225	263743	39.292	ng	99
35) Caprolactam	11.495	113	149696	41.521	ng	96
36) 4-Chloro-3-methylphenol	11.837	107	462001	40.950	ng	97
37) 2-Methylnaphthalene	12.219	142	855020	39.823	ng	99
38) 1-Methylnaphthalene	12.431	142	906013	39.680	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	482945	39.392	ng	99
41) Hexachlorocyclopentadiene	12.572	237	385397	52.042	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	339499	41.018	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	368261	40.597	ng	99
46) 1,1'-Biphenyl	13.225	154	1233177	40.000	ng	99
47) 2-Chloronaphthalene	13.272	162	949372	39.556	ng	98
48) 2-Nitroaniline	13.466	65	297776	42.581	ng	97
49) Acenaphthylene	14.119	152	1601364	40.322	ng	99
50) Dimethylphthalate	13.854	163	1256809	40.430	ng	99
51) 2,6-Dinitrotoluene	13.966	165	271520	41.441	ng	99
52) Acenaphthene	14.460	154	928473	39.829	ng	98
53) 3-Nitroaniline	14.295	138	306476	41.575	ng	96
54) 2,4-Dinitrophenol	14.513	184	489247	139.827	ng	99
55) Dibenzofuran	14.801	168	1466415	39.788	ng	99
56) 4-Nitrophenol	14.619	139	247845	40.915	ng	99
57) 2,4-Dinitrotoluene	14.760	165	397449	42.517	ng	99
58) Fluorene	15.460	166	1153488	39.664	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	319534	39.893	ng	99
60) Diethylphthalate	15.236	149	1262633	39.974	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	571831	39.536	ng	99
62) 4-Nitroaniline	15.472	138	315690	41.774	ng	99
63) Azobenzene	15.754	77	1133555	41.912	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	432956	81.708	ng	97
66) n-Nitrosodiphenylamine	15.672	169	1033192	39.858	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	368889	39.458	ng	97
68) Hexachlorobenzene	16.489	284	436215	40.251	ng	97
69) Atrazine	16.648	200	391199	40.298	ng	98
70) Pentachlorophenol	16.836	266	270563	39.549	ng	95
71) Phenanthrene	17.242	178	1862283	39.881	ng	99
72) Anthracene	17.336	178	1907331	39.998	ng	100
73) Carbazole	17.613	167	1784377	39.727	ng	99
74) Di-n-butylphthalate	18.213	149	2286022	41.367	ng	99
75) Fluoranthene	19.330	202	2194437	39.397	ng	99
77) Benzidine	19.519	184	1306974	45.160	ng	100
78) Pyrene	19.701	202	2276181	41.296	ng	100
80) Butylbenzylphthalate	20.660	149	1044362	41.807	ng	98
81) Benzo(a)anthracene	21.636	228	2217188	39.644	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	848549	40.253	ng	100
83) Chrysene	21.701	228	2130864	40.684	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1538326	41.834	ng	99
85) Di-n-octyl phthalate	22.854	149	2642675	41.781	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	2804996	39.545	ng	94
88) Benzo(b)fluoranthene	23.942	252	2308389	40.474	ng	99
89) Benzo(k)fluoranthene	24.018	252	2229990	39.073	ng	99
90) Benzo(a)pyrene	24.859	252	2197471	39.581	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2299829	39.676	ng	99
92) Benzo(g,h,i)perylene	30.030	276	2226412	39.074	ng	99

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

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