Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025485.D
Acq On : 19 Aug 2025 21:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 20 02:25:39 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	7.790	152	158873	20.000	ng		0.00
21) Naphthalene-d8	10.554	136	675660	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	445771	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	892187	20.000	ng		0.00
76) Chrysene-d12	21.636	240	906884	20.000	ng		-0.01
86) Perylene-d12	25.006	264	1007482	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.407	112	773764	80.882	ng		0.00
7) Phenol-d6	6.966	99	1008256	82.204	ng		0.00
23) Nitrobenzene-d5	8.931	82	1079756	80.839	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	489565	81.593	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2594828	79.555	ng		0.00
79) Terphenyl-d14	19.913	244	3937508	79.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	145689	38.879	ng		98
3) Pyridine	3.731	79	404916	39.479	ng		95
4) n-Nitrosodimethylamine	3.637	42	179479	42.446	ng		94
6) Aniline	7.119	93	668681	40.464	ng		97
8) 2-Chlorophenol	7.360	128	437012	40.481	ng		99
9) Benzaldehyde	6.937	77	286594	33.351	ng		99
10) Phenol	6.996	94	526675	40.923	ng		98
11) bis(2-Chloroethyl)ether	7.213	93	401081	39.983	ng		99
12) 1,3-Dichlorobenzene	7.684	146	475391	39.936	ng		100
13) 1,4-Dichlorobenzene	7.825	146	484363	39.809	ng		100
14) 1,2-Dichlorobenzene	8.137	146	469356	39.851	ng		98
15) Benzyl Alcohol	8.025	79	401239	41.172	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	553744	41.208	ng		98
17) 2-Methylphenol	8.225	107	368919	41.273	ng		99
18) Hexachloroethane	8.860	117	181531	40.579	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	333778	41.084	ng		97
20) 3+4-Methylphenols	8.548	107	509860	41.150	ng		97
22) Acetophenone	8.595	105	683158	40.318	ng	#	98
24) Nitrobenzene	8.972	77	477609	40.010	ng		99
25) Isophorone	9.495	82	957244	40.496	ng		100
26) 2-Nitrophenol	9.678	139	247838	40.455	ng		99
27) 2,4-Dimethylphenol	9.737	122	431106	40.920	ng		99
28) bis(2-Chloroethoxy)met...	9.966	93	577727	40.432	ng		99
29) 2,4-Dichlorophenol	10.207	162	428064	40.902	ng		99
30) 1,2,4-Trichlorobenzene	10.419	180	446960	38.959	ng		98
31) Naphthalene	10.607	128	1376450	39.195	ng		99
32) Benzoic acid	9.895	122	398565	51.243	ng		97
33) 4-Chloroaniline	10.707	127	627874	40.476	ng		99
34) Hexachlorobutadiene	10.895	225	282466	39.534	ng		99
35) Caprolactam	11.495	113	153213	39.925	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	492944	41.048	ng		99
37) 2-Methylnaphthalene	12.213	142	904354	39.572	ng		98
38) 1-Methylnaphthalene	12.431	142	952498	39.191	ng		99
40) 1,2,4,5-Tetrachloroben...	12.584	216	518947	40.309	ng		99
41) Hexachlorocyclopentadiene	12.566	237	365177	46.958	ng		97
43) 2,4,6-Trichlorophenol	12.825	196	354164	40.748	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	387326	40.661	ng	99
46) 1,1'-Biphenyl	13.225	154	1292572	39.926	ng	99
47) 2-Chloronaphthalene	13.266	162	1006226	39.925	ng	99
48) 2-Nitroaniline	13.466	65	313692	42.716	ng	96
49) Acenaphthylene	14.125	152	1669485	40.032	ng	100
50) Dimethylphthalate	13.860	163	1312044	40.193	ng	100
51) 2,6-Dinitrotoluene	13.966	165	289803	42.121	ng	97
52) Acenaphthene	14.466	154	961749	39.288	ng	99
53) 3-Nitroaniline	14.295	138	317453	41.010	ng	96
54) 2,4-Dinitrophenol	14.513	184	289809	78.876	ng	99
55) Dibenzofuran	14.807	168	1534315	39.644	ng	99
56) 4-Nitrophenol	14.619	139	257090	40.416	ng	97
57) 2,4-Dinitrotoluene	14.766	165	412864	42.059	ng	96
58) Fluorene	15.460	166	1184590	38.790	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.030	232	346838	41.236	ng	99
60) Diethylphthalate	15.236	149	1340756	40.422	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	595598	39.215	ng	97
62) 4-Nitroaniline	15.472	138	316634	39.899	ng	97
63) Azobenzene	15.754	77	1180195	41.554	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	317569	57.102	ng	95
66) n-Nitrosodiphenylamine	15.677	169	1090366	40.077	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	389327	39.677	ng	96
68) Hexachlorobenzene	16.483	284	458719	40.328	ng	99
69) Atrazine	16.648	200	408523	40.095	ng	100
70) Pentachlorophenol	16.836	266	295975	41.221	ng	96
71) Phenanthrene	17.242	178	1936352	39.509	ng	99
72) Anthracene	17.336	178	1990880	39.778	ng	100
73) Carbazole	17.607	167	1863783	39.535	ng	99
74) Di-n-butylphthalate	18.207	149	2351889	40.549	ng	100
75) Fluoranthene	19.324	202	2267363	38.784	ng	99
77) Benzidine	19.507	184	1145425	37.009	ng	99
78) Pyrene	19.701	202	2310305	39.194	ng	100
80) Butylbenzylphthalate	20.648	149	1102249	41.260	ng	100
81) Benzo(a)anthracene	21.618	228	2361970	39.492	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	868498	38.525	ng	99
83) Chrysene	21.689	228	2233747	39.880	ng	100
84) Bis(2-ethylhexyl)phtha...	21.560	149	1608462	40.902	ng	100
85) Di-n-octyl phthalate	22.848	149	2789645	41.242	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	2920576	39.529	ng	99
88) Benzo(b)fluoranthene	23.936	252	2351174	39.577	ng	99
89) Benzo(k)fluoranthene	24.001	252	2369472	39.857	ng	99
90) Benzo(a)pyrene	24.824	252	2318019	40.084	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2410467	39.922	ng	99
92) Benzo(g,h,i)perylene	30.018	276	2351576	39.621	ng	98

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

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