Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 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 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.425	152	518495	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	2112482	20.000	ng		0.00
39) Acenaphthene-d10	14.072	164	1361964	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	2757839	20.000	ng		0.00
76) Chrysene-d12	21.336	240	3009908	20.000	ng		0.01
86) Perylene-d12	24.442	264	3535256	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2425075	79.027	ng		0.00
7) Phenol-d6	6.631	99	3054760	80.374	ng		0.00
23) Nitrobenzene-d5	8.554	82	3030019	79.711	ng		-0.01
42) 2,4,6-Tribromophenol	15.601	330	1629244	81.144	ng		-0.01
45) 2-Fluorobiphenyl	12.678	172	7969114	82.491	ng		0.00
79) Terphenyl-d14	19.660	244	11965520	78.475	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	463086	40.265	ng		99
3) Pyridine	3.490	79	1223577	39.744	ng		99
4) n-Nitrosodimethylamine	3.402	42	485267	39.746	ng		95
6) Aniline	6.772	93	1999490	40.247	ng		100
8) 2-Chlorophenol	7.002	128	1380335	39.644	ng		100
9) Benzaldehyde	6.590	77	558250	21.664	ng		100
10) Phenol	6.655	94	1574243	39.940	ng		99
11) bis(2-Chloroethyl)ether	6.866	93	1207296	39.952	ng		99
12) 1,3-Dichlorobenzene	7.313	146	1544490	39.446	ng		100
13) 1,4-Dichlorobenzene	7.466	146	1561362	39.505	ng		100
14) 1,2-Dichlorobenzene	7.766	146	1508118	39.666	ng		99
15) Benzyl Alcohol	7.660	79	1089822	39.752	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.943	45	1532016	39.623	ng		99
17) 2-Methylphenol	7.866	107	1090452	39.905	ng		99
18) Hexachloroethane	8.484	117	540308	39.753	ng		99
19) n-Nitroso-di-n-propyla...	8.225	70	930190	40.683	ng		99
20) 3+4-Methylphenols	8.190	107	1465307	39.311	ng		99
22) Acetophenone	8.231	105	1957009	39.812	ng	#	99
24) Nitrobenzene	8.596	77	1354910	39.985	ng		97
25) Isophorone	9.119	82	2660042	39.793	ng		99
26) 2-Nitrophenol	9.296	139	764629	39.295	ng		100
27) 2,4-Dimethylphenol	9.366	122	1286595	39.514	ng		98
28) bis(2-Chloroethoxy)met...	9.607	93	1663010	39.774	ng		100
29) 2,4-Dichlorophenol	9.831	162	1325228	39.617	ng		100
30) 1,2,4-Trichlorobenzene	10.037	180	1415875	38.753	ng		99
31) Naphthalene	10.219	128	4273231	39.531	ng		100
32) Benzoic acid	9.519	122	997204	40.117	ng		100
33) 4-Chloroaniline	10.331	127	1904319	40.076	ng		99
34) Hexachlorobutadiene	10.519	225	854879	38.875	ng		99
35) Caprolactam	11.107	113	448126	40.364	ng		97
36) 4-Chloro-3-methylphenol	11.472	107	1336748	39.976	ng		98
37) 2-Methylnaphthalene	11.842	142	2754497	39.242	ng		99
38) 1-Methylnaphthalene	12.078	142	2924334	39.661	ng		99
40) 1,2,4,5-Tetrachloroben...	12.219	216	1601181	39.221	ng		100
41) Hexachlorocyclopentadiene	12.207	237	1014403	41.625	ng		100
43) 2,4,6-Trichlorophenol	12.472	196	1096323	39.303	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.542	196	1214535	39.566	ng	98
46) 1,1'-Biphenyl	12.884	154	3950355	40.011	ng	99
47) 2-Chloronaphthalene	12.913	162	3027199	39.272	ng	100
48) 2-Nitroaniline	13.131	65	809532	41.124	ng	97
49) Acenaphthylene	13.795	152	5062462	40.605	ng	100
50) Dimethylphthalate	13.542	163	3909321	40.135	ng	99
51) 2,6-Dinitrotoluene	13.648	165	862324	40.744	ng	99
52) Acenaphthene	14.142	154	2898523	40.205	ng	99
53) 3-Nitroaniline	13.978	138	983105	41.192	ng	96
54) 2,4-Dinitrophenol	14.201	184	507149	40.443	ng	98
55) Dibenzofuran	14.484	168	4687689	40.254	ng	100
56) 4-Nitrophenol	14.313	139	835643	40.917	ng	100
57) 2,4-Dinitrotoluene	14.448	165	1234188	41.660	ng	99
58) Fluorene	15.148	166	3750723	40.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.719	232	1103688	40.628	ng	99
60) Diethylphthalate	14.954	149	3857221	40.178	ng	99
61) 4-Chlorophenyl-phenyle...	15.154	204	1891590	40.491	ng	99
62) 4-Nitroaniline	15.172	138	1013030	41.736	ng	100
63) Azobenzene	15.454	77	3169050	40.508	ng	99
65) 4,6-Dinitro-2-methylph...	15.242	198	706886	39.717	ng	99
66) n-Nitrosodiphenylamine	15.378	169	3343811	39.946	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1273621	39.571	ng	99
68) Hexachlorobenzene	16.178	284	1502136	39.300	ng	96
69) Atrazine	16.378	200	1252019	40.420	ng	99
70) Pentachlorophenol	16.536	266	1040121	40.017	ng	99
71) Phenanthrene	16.930	178	5969977	40.136	ng	99
72) Anthracene	17.036	178	6105908	40.748	ng	100
73) Carbazole	17.313	167	5750854	40.204	ng	100
74) Di-n-butylphthalate	17.942	149	6889127	41.740	ng	100
75) Fluoranthene	19.042	202	7147505	40.829	ng	99
77) Benzidine	19.242	184	3254391	30.797	ng	99
78) Pyrene	19.419	202	7430372	40.037	ng	99
80) Butylbenzylphthalate	20.407	149	3240787	38.577	ng	99
81) Benzo(a)anthracene	21.313	228	7587133	39.916	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	2981932	37.846	ng	100
83) Chrysene	21.371	228	6901176	38.894	ng	100
84) Bis(2-ethylhexyl)phtha...	21.289	149	4820387	40.129	ng	100
85) Di-n-octyl phthalate	22.495	149	8355542	40.281	ng	100
87) Indeno(1,2,3-cd)pyrene	27.965	276	10087175	39.045	ng	96
88) Benzo(b)fluoranthene	23.460	252	8075955	39.909	ng	99
89) Benzo(k)fluoranthene	23.524	252	7791858	39.003	ng	100
90) Benzo(a)pyrene	24.295	252	7755162	39.278	ng	99
91) Dibenzo(a,h)anthracene	28.042	278	8228589	39.040	ng	99
92) Benzo(g,h,i)perylene	29.042	276	8055533	38.890	ng	99

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

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