Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 22 02:30:38 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 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	661165	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2624373	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1725537	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	3420424	20.000	ng	0.00
76) Chrysene-d12	21.330	240	3723190	20.000	ng	0.00
86) Perylene-d12	24.459	264	4465504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	1586240	40.080	ng	0.00
7) Phenol-d6	6.637	99	1952718	39.965	ng	0.00
23) Nitrobenzene-d5	8.566	82	1937093	40.469	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1028445	40.082	ng	-0.01
45) 2-Fluorobiphenyl	12.672	172	5263353	40.382	ng	-0.01
79) Terphenyl-d14	19.660	244	8390472	42.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	293388	19.725	ng	100
3) Pyridine	3.496	79	778928	19.772	ng	99
4) n-Nitrosodimethylamine	3.402	42	309184	19.886	ng	94
6) Aniline	6.778	93	1264692	19.904	ng	100
8) 2-Chlorophenol	7.013	128	890007	19.986	ng	99
9) Benzaldehyde	6.596	77	630829	18.066	ng	100
10) Phenol	6.660	94	1005845	19.897	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	764760	19.703	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1000926	19.812	ng	99
13) 1,4-Dichlorobenzene	7.466	146	1012968	19.869	ng	100
14) 1,2-Dichlorobenzene	7.778	146	966008	19.719	ng	99
15) Benzyl Alcohol	7.672	79	695033	19.845	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.954	45	989741	19.879	ng	99
17) 2-Methylphenol	7.878	107	696041	19.906	ng	99
18) Hexachloroethane	8.490	117	341991	19.645	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	594405	20.185	ng	99
20) 3+4-Methylphenols	8.195	107	949514	19.881	ng	97
22) Acetophenone	8.237	105	1264897	20.349	ng	99
24) Nitrobenzene	8.607	77	854569	20.145	ng	98
25) Isophorone	9.131	82	1696703	20.239	ng	100
26) 2-Nitrophenol	9.307	139	480785	20.136	ng	99
27) 2,4-Dimethylphenol	9.378	122	818802	20.144	ng	98
28) bis(2-Chloroethoxy)met...	9.607	93	1064963	20.235	ng	99
29) 2,4-Dichlorophenol	9.831	162	840876	20.169	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	916180	19.972	ng	100
31) Naphthalene	10.225	128	2744118	20.078	ng	99
32) Benzoic acid	9.501	122	592400	19.955	ng	97
33) 4-Chloroaniline	10.337	127	1195494	20.146	ng	99
34) Hexachlorobutadiene	10.519	225	554225	20.117	ng	98
35) Caprolactam	11.113	113	280019	20.409	ng	93
36) 4-Chloro-3-methylphenol	11.484	107	845122	20.298	ng	99
37) 2-Methylnaphthalene	11.854	142	1787280	20.219	ng	99
38) 1-Methylnaphthalene	12.078	142	1873159	20.091	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1037365	19.852	ng	99
41) Hexachlorocyclopentadiene	12.219	237	568117	19.172	ng	99
43) 2,4,6-Trichlorophenol	12.489	196	710607	20.126	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	779183	20.021	ng	99
46) 1,1'-Biphenyl	12.889	154	2534298	19.863	ng	99
47) 2-Chloronaphthalene	12.925	162	1943669	19.663	ng	100
48) 2-Nitroaniline	13.136	65	499848	20.158	ng	99
49) Acenaphthylene	13.789	152	3266617	20.152	ng	100
50) Dimethylphthalate	13.542	163	2514591	19.973	ng	99
51) 2,6-Dinitrotoluene	13.648	165	539220	20.233	ng	98
52) Acenaphthene	14.142	154	1858898	19.907	ng	100
53) 3-Nitroaniline	13.983	138	607977	20.219	ng	97
54) 2,4-Dinitrophenol	14.195	184	289004	19.352	ng	99
55) Dibenzofuran	14.483	168	3017432	19.958	ng	99
56) 4-Nitrophenol	14.313	139	516291	20.148	ng	96
57) 2,4-Dinitrotoluene	14.454	165	756940	20.387	ng	97
58) Fluorene	15.148	166	2413500	20.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.719	232	693949	20.143	ng	99
60) Diethylphthalate	14.948	149	2464234	19.809	ng	99
61) 4-Chlorophenyl-phenyle...	15.154	204	1202237	19.780	ng	98
62) 4-Nitroaniline	15.166	138	633835	20.685	ng	99
63) Azobenzene	15.454	77	2017191	20.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	419051	19.570	ng	99
66) n-Nitrosodiphenylamine	15.377	169	2138707	20.077	ng	100
67) 4-Bromophenyl-phenylether	16.077	248	797636	19.779	ng	99
68) Hexachlorobenzene	16.189	284	962844	19.994	ng	99
69) Atrazine	16.366	200	786929	20.267	ng	99
70) Pentachlorophenol	16.536	266	639966	19.965	ng	99
71) Phenanthrene	16.930	178	3812811	20.006	ng	99
72) Anthracene	17.036	178	3906820	20.193	ng	99
73) Carbazole	17.307	167	3714018	20.175	ng	100
74) Di-n-butylphthalate	17.936	149	4406649	20.415	ng	99
75) Fluoranthene	19.036	202	4574063	20.298	ng	99
77) Benzidine	19.242	184	2913500	20.485	ng	99
78) Pyrene	19.413	202	4741470	20.039	ng	99
80) Butylbenzylphthalate	20.407	149	2085097	19.969	ng	100
81) Benzo(a)anthracene	21.312	228	4880320	20.152	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	2048334	20.627	ng	100
83) Chrysene	21.371	228	4523656	20.030	ng	99
84) Bis(2-ethylhexyl)phtha...	21.295	149	3041538	19.981	ng	100
85) Di-n-octyl phthalate	22.506	149	5425668	20.449	ng	99
87) Indeno(1,2,3-cd)pyrene	27.977	276	6525812	19.880	ng	99
88) Benzo(b)fluoranthene	23.471	252	5129956	19.698	ng	99
89) Benzo(k)fluoranthene	23.536	252	5125128	19.822	ng	100
90) Benzo(a)pyrene	24.301	252	5051354	19.982	ng	99
91) Dibenzo(a,h)anthracene	28.041	278	5381616	19.991	ng	99
92) Benzo(g,h,i)perylene	29.059	276	5259660	19.946	ng	99

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

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