Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024565.D
Acq On : 07 May 2025 16:02
Operator : RC/JU
Sample : Q1947-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-PMSD

Quant Time: May 07 16:44:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159677	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	629287	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	400886	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	782427	20.000	ng	0.00
76) Chrysene-d12	21.580	240	910356	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1061179	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1127168	116.718	ng	-0.01
7) Phenol-d6	6.899	99	1307596	98.885	ng	-0.01
23) Nitrobenzene-d5	8.852	82	940382	85.210	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	858700	154.819	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	2166850	82.759	ng	-0.02
79) Terphenyl-d14	19.863	244	3953700	87.540	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	133883	32.776	ng	# 79
3) Pyridine	3.681	79	340784	31.595	ng	91
4) n-Nitrosodimethylamine	3.587	42	160260	44.769	ng	76
6) Aniline	7.046	93	411741	34.845	ng	98
8) 2-Chlorophenol	7.281	128	452894	42.004	ng	100
9) Benzaldehyde	6.858	77	148628	22.722	ng	98
10) Phenol	6.922	94	471165	35.519	ng	91
11) bis(2-Chloroethyl)ether	7.134	93	407626	38.140	ng	98
12) 1,3-Dichlorobenzene	7.593	146	459150	39.556	ng	98
13) 1,4-Dichlorobenzene	7.734	146	467912	39.729	ng	99
14) 1,2-Dichlorobenzene	8.052	146	451294	39.683	ng	99
15) Benzyl Alcohol	7.946	79	385709	45.104	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	451136	39.051	ng	99
17) 2-Methylphenol	8.152	107	370051	43.123	ng	96
18) Hexachloroethane	8.769	117	173000	40.646	ng	94
19) n-Nitroso-di-n-propyla...	8.505	70	312238	38.167	ng	94
20) 3+4-Methylphenols	8.481	107	494623	41.541	ng	98
22) Acetophenone	8.516	105	656279	42.136	ng	# 96
24) Nitrobenzene	8.893	77	460898	42.217	ng	99
25) Isophorone	9.416	82	893851	44.746	ng	97
26) 2-Nitrophenol	9.593	139	246256	46.092	ng	94
27) 2,4-Dimethylphenol	9.663	122	425149	63.375	ng	98
28) bis(2-Chloroethoxy)met...	9.887	93	543934	40.308	ng	99
29) 2,4-Dichlorophenol	10.146	162	426633	46.642	ng	99
30) 1,2,4-Trichlorobenzene	10.334	180	428107	43.683	ng	99
31) Naphthalene	10.522	128	1369401	41.311	ng	100
32) Benzoic acid	9.834	122	293369	37.531	ng	95
33) 4-Chloroaniline	10.646	127	241183	20.661	ng	97
34) Hexachlorobutadiene	10.805	225	273052	47.414	ng	99
35) Caprolactam	11.440	113	126101	37.363	ng	97
36) 4-Chloro-3-methylphenol	11.781	107	494806	46.443	ng	99
37) 2-Methylnaphthalene	12.134	142	874016	38.019	ng	96
38) 1-Methylnaphthalene	12.357	142	918193	40.827	ng	100
40) 1,2,4,5-Tetrachloroben...	12.510	216	488659	44.325	ng	99
41) Hexachlorocyclopentadiene	12.487	237	644912	165.403	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	351532	47.960	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	392314	48.335	ng		100
46) 1,1'-Biphenyl	13.151	154	1252633	42.509	ng		99
47) 2-Chloronaphthalene	13.198	162	943421	42.837	ng		98
48) 2-Nitroaniline	13.410	65	310999	50.343	ng		97
49) Acenaphthylene	14.057	152	1619236	46.699	ng		99
50) Dimethylphthalate	13.793	163	1356473	46.529	ng		99
51) 2,6-Dinitrotoluene	13.910	165	292613	47.267	ng		95
52) Acenaphthene	14.404	154	926805	42.161	ng		100
53) 3-Nitroaniline	14.251	138	254683	39.143	ng		99
54) 2,4-Dinitrophenol	14.469	184	375599	103.001	ng		94
55) Dibenzofuran	14.745	168	1487529	41.399	ng		96
56) 4-Nitrophenol	14.598	139	472858	84.149	ng		89
57) 2,4-Dinitrotoluene	14.722	165	429796	50.895	ng		98
58) Fluorene	15.404	166	1214991	43.680	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	350396	46.807	ng		98
60) Diethylphthalate	15.181	149	1360845	45.297	ng		100
61) 4-Chlorophenyl-phenyle...	15.398	204	597739	44.253	ng		94
62) 4-Nitroaniline	15.440	138	327195	47.504	ng		86
63) Azobenzene	15.698	77	1124506	40.724	ng		96
65) 4,6-Dinitro-2-methylph...	15.498	198	241352	48.927	ng		95
66) n-Nitrosodiphenylamine	15.622	169	1072950	45.944	ng		98
67) 4-Bromophenyl-phenylether	16.316	248	414994	48.496	ng		98
68) Hexachlorobenzene	16.428	284	518098	50.952	ng		98
69) Atrazine	16.604	200	407993	68.594	ng		97
70) Pentachlorophenol	16.792	266	703825	99.218	ng		99
71) Phenanthrene	17.187	178	1922749	45.047	ng		99
72) Anthracene	17.281	178	1962350	47.702	ng		100
73) Carbazole	17.575	167	1894056	47.121	ng		99
74) Di-n-butylphthalate	18.151	149	2423820	48.401	ng		99
75) Fluoranthene	19.275	202	2349460	46.281	ng		96
77) Benzidine	19.475	184	829418	71.876	ng		98
78) Pyrene	19.645	202	2453996	42.417	ng		99
80) Butylbenzylphthalate	20.592	149	1194771	48.214	ng		92
81) Benzo(a)anthracene	21.563	228	2613285	46.184	ng		100
82) 3,3'-Dichlorobenzidine	21.480	252	655356	32.998	ng		100
83) Chrysene	21.627	228	2413857	44.528	ng		99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1743091	47.983	ng		99
85) Di-n-octyl phthalate	22.763	149	2972573	50.334	ng		100
87) Indeno(1,2,3-cd)pyrene	28.686	276	3599634	48.860	ng		97
88) Benzo(b)fluoranthene	23.857	252	2825252	44.417	ng	#	97
89) Benzo(k)fluoranthene	23.927	252	2798597	45.549	ng	#	98
90) Benzo(a)pyrene	24.757	252	2680416	48.852	ng	#	97
91) Dibenzo(a,h)anthracene	28.756	278	2942837	48.125	ng		97
92) Benzo(g,h,i)perylene	29.856	276	2860132	45.952	ng	#	94

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

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