Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024662.D
Acq On : 16 May 2025 18:20
Operator : RC/JU
Sample : Q1983-25MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

Quant Time: May 17 00:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152	161687	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	656491	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	421620	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	833881	20.000	ng		0.00
76) Chrysene-d12	21.522	240	868862	20.000	ng		0.00
86) Perylene-d12	24.810	264	1034556	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	814686	86.180	ng		0.02
7) Phenol-d6	6.881	99	1069723	88.663	ng		0.03
23) Nitrobenzene-d5	8.810	82	624283	48.048	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	568408	79.523	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	1431667	44.487	ng		0.00
79) Terphenyl-d14	19.816	244	2351020	46.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	153070	34.483	ng		99
3) Pyridine	3.623	79	380136	38.620	ng		99
4) n-Nitrosodimethylamine	3.528	42	175477	40.382	ng		98
6) Aniline	7.005	93	438306	28.138	ng		99
8) 2-Chlorophenol	7.246	128	508167	47.353	ng		98
9) Benzaldehyde	6.816	77	286754	36.716	ng		99
10) Phenol	6.905	94	601570	48.309	ng		99
11) bis(2-Chloroethyl)ether	7.093	93	425967	41.630	ng		99
12) 1,3-Dichlorobenzene	7.552	146	531460	43.045	ng		98
13) 1,4-Dichlorobenzene	7.693	146	534895	43.074	ng		99
14) 1,2-Dichlorobenzene	8.005	146	514799	42.544	ng		100
15) Benzyl Alcohol	7.911	79	421491	45.972	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	496334	40.504	ng		99
17) 2-Methylphenol	8.134	107	410939	46.010	ng		99
18) Hexachloroethane	8.722	117	198653	41.746	ng		97
19) n-Nitroso-di-n-propyla...	8.463	70	332308	39.817	ng		98
20) 3+4-Methylphenols	8.463	107	549411	45.222	ng	#	81
22) Acetophenone	8.475	105	707207	43.126	ng		96
24) Nitrobenzene	8.852	77	495139	43.304	ng		97
25) Isophorone	9.375	82	942332	41.811	ng		100
26) 2-Nitrophenol	9.558	139	274024	48.908	ng		98
27) 2,4-Dimethylphenol	9.640	122	463884	46.959	ng		99
28) bis(2-Chloroethoxy)met...	9.852	93	581402	43.178	ng		98
29) 2,4-Dichlorophenol	10.122	162	462313	48.295	ng		96
30) 1,2,4-Trichlorobenzene	10.299	180	476268	44.151	ng		97
31) Naphthalene	10.481	128	1488491	43.753	ng		99
32) Benzoic acid	9.822	122	193325	31.206	ng		99
33) 4-Chloroaniline	10.605	127	301288	21.947	ng		98
34) Hexachlorobutadiene	10.763	225	302035	43.221	ng		97
35) Caprolactam	11.404	113	168583	48.675	ng		95
36) 4-Chloro-3-methylphenol	11.769	107	537891	46.077	ng		99
37) 2-Methylnaphthalene	12.099	142	944555	42.879	ng		98
38) 1-Methylnaphthalene	12.316	142	1001100	42.474	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	535414	43.731	ng		99
41) Hexachlorocyclopentadiene	12.446	237	332686	44.813	ng		97
43) 2,4,6-Trichlorophenol	12.728	196	378689	47.753	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	414520	46.959	ng	98
46) 1,1'-Biphenyl	13.122	154	1370829	43.990	ng	99
47) 2-Chloronaphthalene	13.163	162	1049570	44.173	ng	99
48) 2-Nitroaniline	13.381	65	321870	45.756	ng	97
49) Acenaphthylene	14.016	152	1761192	44.293	ng	100
50) Dimethylphthalate	13.757	163	1397783	43.496	ng	99
51) 2,6-Dinitrotoluene	13.875	165	308247	45.418	ng	98
52) Acenaphthene	14.363	154	1005743	43.998	ng	100
53) 3-Nitroaniline	14.222	138	223158	32.202	ng	98
54) 2,4-Dinitrophenol	14.434	184	354377	82.579	ng	98
55) Dibenzofuran	14.704	168	1588439	43.565	ng	98
56) 4-Nitrophenol	14.610	139	487767	81.231	ng	96
57) 2,4-Dinitrotoluene	14.681	165	446807	46.696	ng	98
58) Fluorene	15.363	166	1298531	43.677	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	349997	42.742	ng	97
60) Diethylphthalate	15.140	149	1423139	43.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	642628	43.343	ng	97
62) 4-Nitroaniline	15.404	138	293277	43.829	ng	95
63) Azobenzene	15.657	77	1319515	47.489	ng	95
65) 4,6-Dinitro-2-methylph...	15.457	198	248611	46.156	ng	97
66) n-Nitrosodiphenylamine	15.581	169	1153897	45.050	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	437271	44.501	ng	94
68) Hexachlorobenzene	16.387	284	541147	43.341	ng	97
69) Atrazine	16.557	200	428509	45.651	ng	99
70) Pentachlorophenol	16.757	266	602290	85.933	ng	98
71) Phenanthrene	17.139	178	2082937	44.933	ng	100
72) Anthracene	17.234	178	2082876	44.659	ng	99
73) Carbazole	17.522	167	1948173	46.150	ng	100
74) Di-n-butylphthalate	18.098	149	2500574	46.059	ng	100
75) Fluoranthene	19.222	202	2422832	44.712	ng	100
77) Benzidine	19.433	184	779576	32.943	ng	99
78) Pyrene	19.598	202	2489832	47.826	ng	100
80) Butylbenzylphthalate	20.545	149	1152667	49.784	ng	94
81) Benzo(a)anthracene	21.504	228	2493936	45.712	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	868357	42.853	ng	100
83) Chrysene	21.575	228	2340301	45.251	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	1649765	48.478	ng	99
85) Di-n-octyl phthalate	22.692	149	2775104	49.867	ng	99
87) Indeno(1,2,3-cd)pyrene	28.545	276	3566229m	47.217	ng	
88) Benzo(b)fluoranthene	23.774	252	2700432	45.603	ng	99
89) Benzo(k)fluoranthene	23.845	252	2690483	44.093	ng	100
90) Benzo(a)pyrene	24.663	252	2606948	45.839	ng	99
91) Dibenzo(a,h)anthracene	28.621	278	2927881	47.650	ng	99
92) Benzo(g,h,i)perylene	29.704	276	2891263	47.317	ng	99

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

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