Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025627.D
Acq On : 29 Aug 2025 16:03
Operator : CG/JU
Sample : Q2986-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MS

Quant Time: Aug 29 16:36:36 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	7.772	152	181929	20.000	ng		-0.02
21) Naphthalene-d8	10.543	136	716554	20.000	ng		-0.02
39) Acenaphthene-d10	14.390	164	454059	20.000	ng		-0.02
64) Phenanthrene-d10	17.195	188	923543	20.000	ng		0.00
76) Chrysene-d12	21.648	240	1014373	20.000	ng		0.00
86) Perylene-d12	25.013	264	1167534	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1017199	92.853	ng		0.00
7) Phenol-d6	6.966	99	1272927	90.631	ng		0.00
23) Nitrobenzene-d5	8.913	82	820292	57.909	ng		-0.02
42) 2,4,6-Tribromophenol	15.907	330	584601	95.653	ng		0.00
45) 2-Fluorobiphenyl	12.996	172	1717510	51.696	ng		-0.02
79) Terphenyl-d14	19.913	244	2963423	53.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	171291	39.918	ng		97
3) Pyridine	3.714	79	473568	40.321	ng		96
4) n-Nitrosodimethylamine	3.620	42	231945	47.902	ng		96
6) Aniline	7.108	93	480920	25.414	ng		98
8) 2-Chlorophenol	7.355	128	570588	46.156	ng		99
9) Benzaldehyde	6.925	77	245878	24.987	ng		94
10) Phenol	6.990	94	684361	46.436	ng		98
11) bis(2-Chloroethyl)ether	7.202	93	513230	44.679	ng		99
12) 1,3-Dichlorobenzene	7.666	146	606286	44.477	ng		99
13) 1,4-Dichlorobenzene	7.808	146	617594	44.327	ng		99
14) 1,2-Dichlorobenzene	8.125	146	598798	44.398	ng		99
15) Benzyl Alcohol	8.014	79	500838	44.879	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.296	45	699079	45.430	ng		99
17) 2-Methylphenol	8.219	107	467738	45.697	ng		99
18) Hexachloroethane	8.837	117	230152	44.927	ng		97
19) n-Nitroso-di-n-propyla...	8.566	70	389494	41.866	ng		98
20) 3+4-Methylphenols	8.543	107	622669	43.886	ng		96
22) Acetophenone	8.584	105	813212	45.255	ng	#	98
24) Nitrobenzene	8.955	77	589669	46.579	ng		97
25) Isophorone	9.478	82	1105125	44.084	ng		99
26) 2-Nitrophenol	9.660	139	310529	47.796	ng		98
27) 2,4-Dimethylphenol	9.725	122	520228	46.561	ng		99
28) bis(2-Chloroethoxy)met...	9.949	93	679590	44.847	ng		97
29) 2,4-Dichlorophenol	10.202	162	521123	46.952	ng		98
30) 1,2,4-Trichlorobenzene	10.402	180	548221	45.058	ng		98
31) Naphthalene	10.590	128	1661162	44.603	ng		100
32) Benzoic acid	9.890	122	412947	50.062	ng		98
33) 4-Chloroaniline	10.696	127	266434	16.195	ng		99
34) Hexachlorobutadiene	10.872	225	344280	45.436	ng		97
35) Caprolactam	11.490	113	185231	45.513	ng		96
36) 4-Chloro-3-methylphenol	11.831	107	595213	46.735	ng		97
37) 2-Methylnaphthalene	12.196	142	1056504	43.591	ng		98
38) 1-Methylnaphthalene	12.419	142	1114138	43.226	ng		100
40) 1,2,4,5-Tetrachloroben...	12.566	216	603317	46.006	ng		99
41) Hexachlorocyclopentadiene	12.549	237	662939	83.692	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	427588	48.298	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	479807	49.450	ng	99
46) 1,1'-Biphenyl	13.207	154	1523973	46.214	ng	98
47) 2-Chloronaphthalene	13.249	162	1179469	45.944	ng	99
48) 2-Nitroaniline	13.454	65	374389	50.051	ng	100
49) Acenaphthylene	14.107	152	1972243	46.428	ng	99
50) Dimethylphthalate	13.843	163	1520068	45.716	ng	100
51) 2,6-Dinitrotoluene	13.954	165	338405	48.287	ng	94
52) Acenaphthene	14.454	154	1118956	44.876	ng	100
53) 3-Nitroaniline	14.290	138	196614	24.936	ng	99
54) 2,4-Dinitrophenol	14.507	184	409774	109.490	ng	98
55) Dibenzofuran	14.796	168	1793894	45.505	ng	99
56) 4-Nitrophenol	14.631	139	619871	95.670	ng	98
57) 2,4-Dinitrotoluene	14.760	165	503227	50.328	ng	98
58) Fluorene	15.454	166	1443560	46.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	421336	49.179	ng	99
60) Diethylphthalate	15.231	149	1591585	47.108	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	725104	46.870	ng	98
62) 4-Nitroaniline	15.478	138	370448	45.828	ng	98
63) Azobenzene	15.748	77	1566353	54.144	ng	98
65) 4,6-Dinitro-2-methylph...	15.543	198	290987	50.546	ng	92
66) n-Nitrosodiphenylamine	15.666	169	1300935	46.194	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	471538	46.424	ng	99
68) Hexachlorobenzene	16.490	284	544911	46.279	ng	98
69) Atrazine	16.648	200	495221	46.954	ng	99
70) Pentachlorophenol	16.848	266	755317	101.622	ng	98
71) Phenanthrene	17.242	178	2307702	45.487	ng	99
72) Anthracene	17.337	178	2420914	46.728	ng	100
73) Carbazole	17.619	167	2340208	47.956	ng	99
74) Di-n-butylphthalate	18.207	149	2922520	48.677	ng	99
75) Fluoranthene	19.331	202	2864338	47.332	ng	99
77) Benzidine	19.513	184	1428879	41.275	ng	99
78) Pyrene	19.707	202	2944800	44.665	ng	100
80) Butylbenzylphthalate	20.642	149	1446936	48.424	ng	98
81) Benzo(a)anthracene	21.630	228	3084108	46.101	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	638325	25.315	ng	99
83) Chrysene	21.695	228	2894243	46.197	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2101549	47.778	ng	99
85) Di-n-octyl phthalate	22.836	149	3735372	49.372	ng	98
87) Indeno(1,2,3-cd)pyrene	28.865	276	3971348	46.382	ng	94
88) Benzo(b)fluoranthene	23.948	252	3241476	47.083	ng	99
89) Benzo(k)fluoranthene	24.024	252	3180886	46.171	ng	100
90) Benzo(a)pyrene	24.860	252	3119532	46.549	ng	99
91) Dibenzo(a,h)anthracene	28.954	278	3254902	46.518	ng	97
92) Benzo(g,h,i)perylene	30.071	276	3197569	46.490	ng	98

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

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