Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024782.D
Acq On : 23 May 2025 07:17
Operator : RC/JU
Sample : Q2084-05MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

Quant Time: May 23 07:41:19 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	7.652	152	92969	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	361724	20.000	ng		#-0.01
39) Acenaphthene-d10	14.281	164	230777	20.000	ng		-0.02
64) Phenanthrene-d10	17.081	188	445856	20.000	ng		-0.02
76) Chrysene-d12	21.510	240	560847	20.000	ng		-0.01
86) Perylene-d12	24.792	264	715613	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	657755	121.008	ng		0.00
7) Phenol-d6	6.852	99	730747	105.336	ng		0.00
23) Nitrobenzene-d5	8.799	82	513601	71.741	ng		-0.01
42) 2,4,6-Tribromophenol	15.804	330	591642	151.225	ng		0.00
45) 2-Fluorobiphenyl	12.893	172	1355832	76.971	ng		-0.01
79) Terphenyl-d14	19.798	244	2470525	75.532	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.229	88	79694	31.223	ng	#	59
3) Pyridine	3.628	79	173785	30.706	ng		93
4) n-Nitrosodimethylamine	3.529	42	96108	38.465	ng		88
6) Aniline	6.999	93	178343	19.912	ng		99
8) 2-Chlorophenol	7.234	128	260826	42.269	ng		96
9) Benzaldehyde	6.811	77	116560	25.955	ng		97
10) Phenol	6.881	94	253237	35.367	ng		98
11) bis(2-Chloroethyl)ether	7.087	93	208391	35.419	ng		98
12) 1,3-Dichlorobenzene	7.540	146	266583	37.551	ng		99
13) 1,4-Dichlorobenzene	7.687	146	272212	38.124	ng		99
14) 1,2-Dichlorobenzene	7.999	146	266122	38.249	ng		98
15) Benzyl Alcohol	7.899	79	208817	39.610	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.169	45	237639	33.727	ng		99
17) 2-Methylphenol	8.111	107	203664	39.658	ng		97
18) Hexachloroethane	8.716	117	94826	34.656	ng		95
19) n-Nitroso-di-n-propyla...	8.452	70	161712	33.698	ng		94
20) 3+4-Methylphenols	8.440	107	270471	38.718	ng		97
22) Acetophenone	8.469	105	367740	40.699	ng	#	99
24) Nitrobenzene	8.846	77	247148	39.229	ng		91
25) Isophorone	9.369	82	464020	37.366	ng		96
26) 2-Nitrophenol	9.552	139	143738	46.560	ng		94
27) 2,4-Dimethylphenol	9.616	122	233157	42.836	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	276227	37.231	ng		98
29) 2,4-Dichlorophenol	10.099	162	245988	46.637	ng		97
30) 1,2,4-Trichlorobenzene	10.281	180	260389	43.809	ng		98
31) Naphthalene	10.469	128	788080	42.042	ng		100
32) Benzoic acid	9.787	122	107035	31.321	ng		91
33) 4-Chloroaniline	10.605	127	79285	10.482	ng		98
34) Hexachlorobutadiene	10.752	225	164958	42.841	ng		98
35) Caprolactam	11.393	113	65001	34.062	ng		94
36) 4-Chloro-3-methylphenol	11.740	107	278217	43.254	ng		95
37) 2-Methylnaphthalene	12.081	142	512602	42.233	ng		98
38) 1-Methylnaphthalene	12.305	142	539033	41.506	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	303266	45.253	ng		99
41) Hexachlorocyclopentadiene	12.434	237	325841	80.186	ng		98
43) 2,4,6-Trichlorophenol	12.710	196	207228	47.741	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	225735	46.720	ng		96
46) 1,1'-Biphenyl	13.104	154	749163	43.921	ng		99
47) 2-Chloronaphthalene	13.146	162	575810	44.274	ng		100
48) 2-Nitroaniline	13.369	65	161165	41.857	ng		91
49) Acenaphthylene	13.999	152	959360	44.079	ng		99
50) Dimethylphthalate	13.740	163	770691	43.814	ng		100
51) 2,6-Dinitrotoluene	13.863	165	170947	46.017	ng		92
52) Acenaphthene	14.346	154	546321	43.664	ng		99
53) 3-Nitroaniline	14.204	138	84888	22.379	ng		95
54) 2,4-Dinitrophenol	14.422	184	117170	52.417	ng		98
55) Dibenzofuran	14.687	168	872905	43.738	ng		99
56) 4-Nitrophenol	14.569	139	209299	64.595	ng		96
57) 2,4-Dinitrotoluene	14.669	165	241715	46.152	ng		96
58) Fluorene	15.351	166	715425	43.964	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	217489	48.524	ng		93
60) Diethylphthalate	15.122	149	752465	42.325	ng		99
61) 4-Chlorophenyl-phenyle...	15.340	204	360337	44.401	ng		99
62) 4-Nitroaniline	15.387	138	147088	40.160	ng		100
63) Azobenzene	15.640	77	569872	37.470	ng		93
65) 4,6-Dinitro-2-methylph...	15.451	198	109753	38.109	ng		99
66) n-Nitrosodiphenylamine	15.563	169	621394	45.374	ng		97
67) 4-Bromophenyl-phenylether	16.251	248	255717	48.674	ng		98
68) Hexachlorobenzene	16.369	284	333729	49.991	ng		96
69) Atrazine	16.545	200	239766	47.773	ng		99
70) Pentachlorophenol	16.734	266	393657	105.047	ng		99
71) Phenanthrene	17.122	178	1128997	45.550	ng		100
72) Anthracene	17.216	178	1166386	46.773	ng		100
73) Carbazole	17.504	167	1081489	47.916	ng		100
74) Di-n-butylphthalate	18.075	149	1272930	43.852	ng		100
75) Fluoranthene	19.204	202	1386988	47.872	ng		99
77) Benzidine	19.422	184	131059	8.580	ng		100
78) Pyrene	19.581	202	1441947	42.909	ng		99
80) Butylbenzylphthalate	20.533	149	629810	42.141	ng		92
81) Benzo(a)anthracene	21.486	228	1598091	45.379	ng		100
82) 3,3'-Dichlorobenzidine	21.422	252	379580	29.020	ng		99
83) Chrysene	21.557	228	1513693	45.342	ng		100
84) Bis(2-ethylhexyl)phtha...	21.422	149	899852	40.964	ng		98
85) Di-n-octyl phthalate	22.669	149	1557363	43.354	ng		99
87) Indeno(1,2,3-cd)pyrene	28.504	276	2627318	50.290	ng	#	90
88) Benzo(b)fluoranthene	23.751	252	1852585	45.228	ng		98
89) Benzo(k)fluoranthene	23.810	252	1862012	44.116	ng		99
90) Benzo(a)pyrene	24.633	252	1800453	45.767	ng		98
91) Dibenzo(a,h)anthracene	28.580	278	2151150	50.613	ng		98
92) Benzo(g,h,i)perylene	29.662	276	2133372	50.475	ng		96

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

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