Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024426.D
Acq On : 25 Apr 2025 17:11
Operator : RC/JU
Sample : Q1867-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

Quant Time: Apr 25 17:37:38 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	7.716	152	168176	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	710061	20.000	ng		-0.01
39) Acenaphthene-d10	14.340	164	470962	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	984142	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1141779	20.000	ng		0.00
86) Perylene-d12	24.916	264	1384025	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1142668	112.344	ng		0.00
7) Phenol-d6	6.911	99	1500940	107.770	ng		0.00
23) Nitrobenzene-d5	8.863	82	893083	71.719	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	865737	132.863	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2085473	67.799	ng		0.00
79) Terphenyl-d14	19.869	244	4012521	70.835	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	147458	34.275	ng	#	95
3) Pyridine	3.675	79	367705	32.368	ng		94
4) n-Nitrosodimethylamine	3.581	42	160735	42.633	ng		82
6) Aniline	7.058	93	431723	34.690	ng		98
8) 2-Chlorophenol	7.293	128	506654	44.615	ng		97
9) Benzaldehyde	6.875	77	231077	33.542	ng		96
10) Phenol	6.934	94	613810	43.934	ng		95
11) bis(2-Chloroethyl)ether	7.152	93	430781	38.269	ng		100
12) 1,3-Dichlorobenzene	7.605	146	505672	41.362	ng		99
13) 1,4-Dichlorobenzene	7.752	146	516229	41.617	ng		99
14) 1,2-Dichlorobenzene	8.063	146	500459	41.782	ng		98
15) Benzyl Alcohol	7.958	79	414223	45.990	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	482663	39.669	ng		100
17) 2-Methylphenol	8.163	107	416731	46.109	ng		98
18) Hexachloroethane	8.787	117	187760	41.884	ng		95
19) n-Nitroso-di-n-propyla...	8.516	70	332751	38.619	ng		97
20) 3+4-Methylphenols	8.487	107	569687	45.428	ng		98
22) Acetophenone	8.534	105	708587	40.319	ng	#	98
24) Nitrobenzene	8.905	77	505969	41.073	ng		98
25) Isophorone	9.428	82	961400	42.653	ng		98
26) 2-Nitrophenol	9.610	139	275041	45.624	ng		96
27) 2,4-Dimethylphenol	9.675	122	472490	62.420	ng		99
28) bis(2-Chloroethoxy)met...	9.905	93	589441	38.711	ng		99
29) 2,4-Dichlorophenol	10.152	162	475812	46.101	ng		99
30) 1,2,4-Trichlorobenzene	10.357	180	474073	42.871	ng		98
31) Naphthalene	10.540	128	1501983	40.156	ng		99
32) Benzoic acid	9.828	122	389177m	44.124	ng		
33) 4-Chloroaniline	10.657	127	240979	18.295	ng		99
34) Hexachlorobutadiene	10.822	225	288169	44.346	ng		99
35) Caprolactam	11.452	113	172282	45.239	ng		98
36) 4-Chloro-3-methylphenol	11.787	107	548449	45.622	ng		99
37) 2-Methylnaphthalene	12.146	142	981009	37.818	ng		98
38) 1-Methylnaphthalene	12.369	142	1028646	40.536	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	551448	42.578	ng		98
41) Hexachlorocyclopentadiene	12.499	237	657611	143.564	ng		97
43) 2,4,6-Trichlorophenol	12.763	196	398719	46.304	ng		98

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44) 2,4,5-Trichlorophenol	12.846	196	442806	46.438	ng		99
46) 1,1'-Biphenyl	13.163	154	1398867	40.408	ng		99
47) 2-Chloronaphthalene	13.204	162	1075944	41.585	ng		98
48) 2-Nitroaniline	13.416	65	330488	45.537	ng		99
49) Acenaphthylene	14.063	152	1822292	44.735	ng		99
50) Dimethylphthalate	13.798	163	1406830	41.076	ng		100
51) 2,6-Dinitrotoluene	13.922	165	320718	44.098	ng		99
52) Acenaphthene	14.410	154	1029964	39.882	ng		98
53) 3-Nitroaniline	14.257	138	246781	32.285	ng		98
54) 2,4-Dinitrophenol	14.463	184	403605	94.212	ng		92
55) Dibenzofuran	14.745	168	1678805	39.770	ng		98
56) 4-Nitrophenol	14.587	139	650045	98.468	ng		94
57) 2,4-Dinitrotoluene	14.716	165	471983	47.575	ng		97
58) Fluorene	15.404	166	1403067	42.936	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	408954	46.501	ng		98
60) Diethylphthalate	15.181	149	1492220	42.279	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	672810	42.399	ng		97
62) 4-Nitroaniline	15.434	138	362830	44.839	ng		90
63) Azobenzene	15.704	77	1386752	42.749	ng		97
65) 4,6-Dinitro-2-methylph...	15.493	198	259035	41.749	ng		98
66) n-Nitrosodiphenylamine	15.628	169	1243022	42.317	ng		100
67) 4-Bromophenyl-phenylether	16.322	248	459059	42.650	ng		98
68) Hexachlorobenzene	16.434	284	585108	45.748	ng		100
69) Atrazine	16.610	200	466390	62.340	ng		99
70) Pentachlorophenol	16.792	266	847063	94.935	ng		100
71) Phenanthrene	17.192	178	2393832	44.588	ng		99
72) Anthracene	17.287	178	2314721	44.734	ng		99
73) Carbazole	17.569	167	2259136	44.684	ng		99
74) Di-n-butylphthalate	18.163	149	2794531	44.366	ng		100
75) Fluoranthene	19.286	202	3151454	49.355	ng		96
77) Benzidine	19.475	184	1158292	80.031	ng		99
78) Pyrene	19.657	202	3152396	43.445	ng		99
80) Butylbenzylphthalate	20.604	149	1429626	45.999	ng		96
81) Benzo(a)anthracene	21.569	228	3207923	45.202	ng		100
82) 3,3'-Dichlorobenzidine	21.492	252	877749	35.238	ng		98
83) Chrysene	21.633	228	3008014	44.241	ng		99
84) Bis(2-ethylhexyl)phtha...	21.504	149	2188866	48.042	ng		100
85) Di-n-octyl phthalate	22.780	149	3622454	48.906	ng		99
87) Indeno(1,2,3-cd)pyrene	28.721	276	4539590m	47.246	ng		
88) Benzo(b)fluoranthene	23.880	252	3589085	43.263	ng	#	97
89) Benzo(k)fluoranthene	23.951	252	3408635	42.536	ng	#	97
90) Benzo(a)pyrene	24.768	252	3383182	47.277	ng		98
91) Dibenzo(a,h)anthracene	28.786	278	3631575	45.535	ng		97
92) Benzo(g,h,i)perylene	29.898	276	3620472	44.599	ng		95

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

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