Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024183.D
Acq On : 18 Mar 2025 12:29
Operator : RC/JU
Sample : PB167171BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BSD

Quant Time: Mar 18 12:49:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	342755	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1386722	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	818395	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1574850	20.000	ng		0.00
76) Chrysene-d12	21.663	240	1673955	20.000	ng		0.00
86) Perylene-d12	25.063	264	1743513	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2109735	98.255	ng		0.00
7) Phenol-d6	6.952	99	2664511	92.796	ng		0.00
23) Nitrobenzene-d5	8.916	82	2285427	92.986	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	972987	94.385	ng		0.01
45) 2-Fluorobiphenyl	13.010	172	5149836	92.786	ng		0.00
79) Terphenyl-d14	19.928	244	7903257	97.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	343452	40.352	ng		99
3) Pyridine	3.717	79	842752	36.219	ng		99
4) n-Nitrosodimethylamine	3.623	42	327621	42.151	ng		99
6) Aniline	7.105	93	1045934	39.981	ng		98
8) 2-Chlorophenol	7.340	128	1040474	44.861	ng		98
9) Benzaldehyde	6.916	77	266574	19.238	ng		97
10) Phenol	6.981	94	1334981	46.055	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	986557	43.158	ng		99
12) 1,3-Dichlorobenzene	7.658	146	1078909	43.137	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1096250	42.928	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1056909	43.129	ng		100
15) Benzyl Alcohol	8.011	79	841307	46.280	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1043710	44.736	ng		97
17) 2-Methylphenol	8.216	107	860244	47.326	ng		100
18) Hexachloroethane	8.840	117	390461	43.097	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	719491	43.192	ng		100
20) 3+4-Methylphenols	8.540	107	1168446	46.789	ng		98
22) Acetophenone	8.581	105	1638604	46.738	ng	#	100
24) Nitrobenzene	8.958	77	1052713	43.418	ng		99
25) Isophorone	9.487	82	1938731	46.016	ng		99
26) 2-Nitrophenol	9.663	139	516921	44.633	ng		99
27) 2,4-Dimethylphenol	9.728	122	866102	58.157	ng		100
28) bis(2-Chloroethoxy)met...	9.957	93	1280388	43.199	ng		100
29) 2,4-Dichlorophenol	10.199	162	930193	46.172	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	934549	41.987	ng		100
31) Naphthalene	10.599	128	3051963	41.518	ng		100
32) Benzoic acid	9.875	122	693572	47.753	ng		99
33) 4-Chloroaniline	10.704	127	649602	24.694	ng		99
34) Hexachlorobutadiene	10.881	225	549988	42.934	ng		98
35) Caprolactam	11.493	113	339239	51.379	ng		99
36) 4-Chloro-3-methylphenol	11.840	107	974278	44.829	ng		98
37) 2-Methylnaphthalene	12.204	142	2033708	40.952	ng		100
38) 1-Methylnaphthalene	12.428	142	1968954	40.764	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1142125	48.278	ng		99
41) Hexachlorocyclopentadiene	12.563	237	1403416	164.572	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	700729	46.607	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	767218	46.531	ng	98
46) 1,1'-Biphenyl	13.228	154	2944997	47.887	ng	99
47) 2-Chloronaphthalene	13.269	162	2044262	44.193	ng	99
48) 2-Nitroaniline	13.469	65	571533	48.307	ng	94
49) Acenaphthylene	14.122	152	3301536	47.170	ng	100
50) Dimethylphthalate	13.857	163	2525828	44.108	ng	100
51) 2,6-Dinitrotoluene	13.975	165	548291	45.506	ng	99
52) Acenaphthene	14.469	154	1969345	44.037	ng	99
53) 3-Nitroaniline	14.310	138	378357	29.074	ng	98
54) 2,4-Dinitrophenol	14.516	184	737117	115.620	ng	95
55) Dibenzofuran	14.810	168	3055341	42.178	ng	99
56) 4-Nitrophenol	14.634	139	1166869	107.311	ng	97
57) 2,4-Dinitrotoluene	14.775	165	781794	49.122	ng	96
58) Fluorene	15.469	166	2510994	44.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	657760	45.153	ng	99
60) Diethylphthalate	15.245	149	2522009	44.226	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1225154	44.258	ng	99
62) 4-Nitroaniline	15.492	138	620361	45.452	ng	99
63) Azobenzene	15.763	77	2389125	44.450	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	443037	47.387	ng	97
66) n-Nitrosodiphenylamine	15.687	169	2197871	45.959	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	758063	43.843	ng	96
68) Hexachlorobenzene	16.498	284	901194	44.036	ng	100
69) Atrazine	16.663	200	841186	72.875	ng	99
70) Pentachlorophenol	16.851	266	1299107	98.161	ng	99
71) Phenanthrene	17.251	178	3819730	44.398	ng	100
72) Anthracene	17.345	178	3889813	46.422	ng	100
73) Carbazole	17.622	167	3704990	45.849	ng	100
74) Di-n-butylphthalate	18.222	149	4340190	45.244	ng	100
75) Fluoranthene	19.333	202	4451462	44.675	ng	99
77) Benzidine	19.528	184	1772037	96.822	ng	100
78) Pyrene	19.710	202	4688032	45.048	ng	100
80) Butylbenzylphthalate	20.663	149	2009480	46.823	ng	97
81) Benzo(a)anthracene	21.639	228	4761637	45.752	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1224003	35.091	ng	99
83) Chrysene	21.710	228	4408586	44.064	ng	99
84) Bis(2-ethylhexyl)phtha...	21.580	149	2974684	45.937	ng	100
85) Di-n-octyl phthalate	22.886	149	4680673	45.114	ng	100
87) Indeno(1,2,3-cd)pyrene	28.915	276	5430687m	44.630	ng	
88) Benzo(b)fluoranthene	23.980	252	4617611	43.926	ng	98
89) Benzo(k)fluoranthene	24.057	252	4812755	46.803	ng	99
90) Benzo(a)pyrene	24.892	252	4414434	48.292	ng	100
91) Dibenzo(a,h)anthracene	29.009	278	4522494	44.673	ng	100
92) Benzo(g,h,i)perylene	30.121	276	4266672	41.460	ng	98

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

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