Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024307.D
Acq On : 16 Apr 2025 11:45
Operator : RC/JU
Sample : PB167599BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167599BS

Quant Time: Apr 16 13:04:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	301982	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1205511	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	692603	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1235309	20.000	ng		-0.02
76) Chrysene-d12	21.622	240	1127025	20.000	ng		0.00
86) Perylene-d12	24.980	264	1273745	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	2790519	152.790	ng		0.00
7) Phenol-d6	6.916	99	3463864	138.510	ng		0.00
23) Nitrobenzene-d5	8.881	82	2066999	97.770	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	1363074	142.246	ng		-0.02
45) 2-Fluorobiphenyl	12.969	172	4423000	97.778	ng		-0.01
79) Terphenyl-d14	19.898	244	5784419	103.452	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	314221	40.675	ng		99
3) Pyridine	3.687	79	812316	39.822	ng		99
4) n-Nitrosodimethylamine	3.593	42	312427	46.149	ng		97
6) Aniline	7.069	93	840608	37.616	ng		99
8) 2-Chlorophenol	7.305	128	1000170	49.049	ng		100
9) Benzaldehyde	6.881	77	378861	30.626	ng		98
10) Phenol	6.940	94	1217414	48.528	ng		98
11) bis(2-Chloroethyl)ether	7.158	93	923542	45.691	ng		99
12) 1,3-Dichlorobenzene	7.616	146	1032022	47.011	ng		99
13) 1,4-Dichlorobenzene	7.763	146	1044131	46.878	ng		100
14) 1,2-Dichlorobenzene	8.075	146	1004865	46.721	ng		99
15) Benzyl Alcohol	7.969	79	779685	48.210	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1035014	47.374	ng		99
17) 2-Methylphenol	8.175	107	820700	50.571	ng		100
18) Hexachloroethane	8.799	117	385506	47.892	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	674711	43.610	ng		99
20) 3+4-Methylphenols	8.499	107	1098508	48.783	ng		100
22) Acetophenone	8.546	105	1384168	46.391	ng	#	100
24) Nitrobenzene	8.922	77	997269	47.684	ng		100
25) Isophorone	9.440	82	1860875	48.628	ng		100
26) 2-Nitrophenol	9.622	139	509876	49.817	ng		99
27) 2,4-Dimethylphenol	9.687	122	891789	69.393	ng		98
28) bis(2-Chloroethoxy)met...	9.916	93	1212188	46.891	ng		100
29) 2,4-Dichlorophenol	10.157	162	867673	49.517	ng		99
30) 1,2,4-Trichlorobenzene	10.363	180	897647	47.813	ng		98
31) Naphthalene	10.552	128	2845867	44.816	ng		99
32) Benzoic acid	9.846	122	625565	41.775	ng		99
33) 4-Chloroaniline	10.663	127	299999	13.415	ng		98
34) Hexachlorobutadiene	10.840	225	536427	48.624	ng		99
35) Caprolactam	11.457	113	270008	41.761	ng		99
36) 4-Chloro-3-methylphenol	11.798	107	928778	45.507	ng		99
37) 2-Methylnaphthalene	12.163	142	1777803	40.368	ng		100
38) 1-Methylnaphthalene	12.381	142	1865879	43.309	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	958484	50.323	ng	#	98
41) Hexachlorocyclopentadiene	12.522	237	1429111	212.151	ng		99
43) 2,4,6-Trichlorophenol	12.781	196	659069	52.046	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	718643	51.248	ng	99
46) 1,1'-Biphenyl	13.181	154	2461557	48.351	ng	100
47) 2-Chloronaphthalene	13.222	162	1854265	48.733	ng	99
48) 2-Nitroaniline	13.434	65	529997	49.658	ng	98
49) Acenaphthylene	14.081	152	3059129	51.065	ng	100
50) Dimethylphthalate	13.816	163	2293991	45.545	ng	99
51) 2,6-Dinitrotoluene	13.934	165	501003	46.843	ng	98
52) Acenaphthene	14.428	154	1737493	45.749	ng	100
53) 3-Nitroaniline	14.263	138	225208	20.035	ng	98
54) 2,4-Dinitrophenol	14.481	184	616619	97.875	ng	97
55) Dibenzofuran	14.769	168	2753340	44.352	ng	99
56) 4-Nitrophenol	14.592	139	933046	96.107	ng	98
57) 2,4-Dinitrotoluene	14.734	165	703152	48.195	ng	99
58) Fluorene	15.428	166	2168790	45.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	596270	46.103	ng	99
60) Diethylphthalate	15.204	149	2261118	43.563	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	1064188	45.602	ng	99
62) 4-Nitroaniline	15.451	138	495024	41.599	ng	95
63) Azobenzene	15.728	77	2108466	44.197	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	380553	48.863	ng	94
66) n-Nitrosodiphenylamine	15.645	169	1876900	50.904	ng	99
67) 4-Bromophenyl-phenylether	16.339	248	681582	50.449	ng	98
68) Hexachlorobenzene	16.451	284	812194	50.591	ng	99
69) Atrazine	16.622	200	630691	67.161	ng	99
70) Pentachlorophenol	16.816	266	1091811	97.486	ng	99
71) Phenanthrene	17.210	178	3213132	47.680	ng	100
72) Anthracene	17.304	178	3294916	50.730	ng	99
73) Carbazole	17.586	167	2968495	46.776	ng	100
74) Di-n-butylphthalate	18.175	149	3652140	46.192	ng	100
75) Fluoranthene	19.304	202	3504610	43.726	ng	100
77) Benzidine	19.504	184	1221501	85.503	ng	99
78) Pyrene	19.680	202	3619177	50.530	ng	99
80) Butylbenzylphthalate	20.633	149	1553494	50.638	ng	97
81) Benzo(a)anthracene	21.610	228	3434274	49.025	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	754810	30.699	ng	99
83) Chrysene	21.674	228	3183239	47.431	ng	100
84) Bis(2-ethylhexyl)phtha...	21.545	149	2239743	49.802	ng	99
85) Di-n-octyl phthalate	22.833	149	3728987	51.003	ng	99
87) Indeno(1,2,3-cd)pyrene	28.809	276	4867750	55.047	ng	94
88) Benzo(b)fluoranthene	23.927	252	3594046	47.074	ng	99
89) Benzo(k)fluoranthene	23.998	252	3572284	48.438	ng	99
90) Benzo(a)pyrene	24.827	252	3490438	52.999	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3983698	54.275	ng	98
92) Benzo(g,h,i)perylene	29.986	276	3943803	52.789	ng	99

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

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