Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
Data File : BP024362.D
Acq On : 21 Apr 2025 14:56
Operator : RC/JU
Sample : Q1825-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9MS

Quant Time: Apr 21 15:27:38 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	7.722	152	234078	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	892877	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	525424	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1011646	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1134085	20.000	ng	0.00
86) Perylene-d12	24.927	264	1349568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1822625	128.745	ng	0.00
7) Phenol-d6	6.916	99	2216410	114.338	ng	0.00
23) Nitrobenzene-d5	8.869	82	1373698	87.728	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1016418	139.819	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2950834	85.989	ng	0.00
79) Terphenyl-d14	19.869	244	4895751	87.013	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	213771	35.699	ng	# 62
3) Pyridine	3.699	79	274479	17.359	ng	95
4) n-Nitrosodimethylamine	3.599	42	216606	41.277	ng	90
6) Aniline	7.069	93	343557	19.834	ng	99
8) 2-Chlorophenol	7.305	128	674822	42.694	ng	99
9) Benzaldehyde	6.881	77	136908	14.278	ng	97
10) Phenol	6.940	94	790683	40.661	ng	96
11) bis(2-Chloroethyl)ether	7.157	93	637691	40.701	ng	99
12) 1,3-Dichlorobenzene	7.616	146	660392	38.809	ng	99
13) 1,4-Dichlorobenzene	7.763	146	670290	38.823	ng	99
14) 1,2-Dichlorobenzene	8.075	146	646404	38.773	ng	98
15) Benzyl Alcohol	7.963	79	553208	44.129	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.246	45	691876	40.854	ng	100
17) 2-Methylphenol	8.169	107	550799	43.785	ng	98
18) Hexachloroethane	8.793	117	248836	39.881	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	463337	38.635	ng	98
20) 3+4-Methylphenols	8.493	107	741354	42.473	ng	98
22) Acetophenone	8.540	105	949615	42.970	ng	99
24) Nitrobenzene	8.910	77	682574	44.064	ng	99
25) Isophorone	9.434	82	1311829	46.284	ng	99
26) 2-Nitrophenol	9.616	139	351708	46.396	ng	97
27) 2,4-Dimethylphenol	9.681	122	601218	63.164	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	830601	43.380	ng	99
29) 2,4-Dichlorophenol	10.157	162	597304	46.023	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	604176	43.449	ng	99
31) Naphthalene	10.546	128	1946617	41.388	ng	100
32) Benzoic acid	9.828	122	451964m	40.750	ng	
33) 4-Chloroaniline	10.669	127	195943	11.830	ng	98
34) Hexachlorobutadiene	10.828	225	368125	45.052	ng	99
35) Caprolactam	11.451	113	173407	36.211	ng	96
36) 4-Chloro-3-methylphenol	11.793	107	667268	44.141	ng	100
37) 2-Methylnaphthalene	12.157	142	1236354	37.903	ng	99
38) 1-Methylnaphthalene	12.375	142	1288422	40.377	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	668661	46.277	ng	98
41) Hexachlorocyclopentadiene	12.510	237	974254	190.645	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	477605	49.716	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	514216	48.337	ng	99
46) 1,1'-Biphenyl	13.175	154	1735520	44.937	ng	99
47) 2-Chloronaphthalene	13.216	162	1323460	45.850	ng	99
48) 2-Nitroaniline	13.422	65	393690	48.623	ng	97
49) Acenaphthylene	14.063	152	2204718	48.513	ng	100
50) Dimethylphthalate	13.804	163	1739226	45.518	ng	100
51) 2,6-Dinitrotoluene	13.922	165	375906	46.329	ng	95
52) Acenaphthene	14.410	154	1257352	43.641	ng	100
53) 3-Nitroaniline	14.257	138	315920	37.046	ng	97
54) 2,4-Dinitrophenol	14.463	184	501056	104.837	ng	93
55) Dibenzofuran	14.751	168	2016544	42.819	ng	98
56) 4-Nitrophenol	14.586	139	715792	97.189	ng	96
57) 2,4-Dinitrotoluene	14.716	165	542856	49.047	ng	96
58) Fluorene	15.410	166	1626856	44.624	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	455997	46.475	ng	98
60) Diethylphthalate	15.186	149	1755973	44.595	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	791641	44.716	ng	98
62) 4-Nitroaniline	15.439	138	411907	45.628	ng	93
63) Azobenzene	15.704	77	1567301	43.306	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	313907	49.217	ng	98
66) n-Nitrosodiphenylamine	15.628	169	1418602	46.981	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	530200	47.920	ng	99
68) Hexachlorobenzene	16.439	284	639238	48.621	ng	98
69) Atrazine	16.610	200	494825	64.343	ng	99
70) Pentachlorophenol	16.792	266	904013	98.563	ng	99
71) Phenanthrene	17.192	178	2546028	46.134	ng	100
72) Anthracene	17.280	178	2576242	48.435	ng	100
73) Carbazole	17.563	167	2448812	47.119	ng	99
74) Di-n-butylphthalate	18.157	149	3103867	47.937	ng	100
75) Fluoranthene	19.274	202	2999132	45.693	ng	99
77) Benzidine	19.474	184	321984	22.398	ng	99
78) Pyrene	19.651	202	3187190	44.222	ng	99
80) Butylbenzylphthalate	20.598	149	1488906	48.231	ng	100
81) Benzo(a)anthracene	21.568	228	3330620	47.249	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	705100	28.499	ng	99
83) Chrysene	21.633	228	3096106	45.846	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	2194902	48.501	ng	100
85) Di-n-octyl phthalate	22.786	149	3758576	51.088	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	4847151	51.734	ng	98
88) Benzo(b)fluoranthene	23.874	252	3653037	45.158	ng	99
89) Benzo(k)fluoranthene	23.945	252	3709304	47.470	ng	99
90) Benzo(a)pyrene	24.768	252	3498692	50.140	ng	98
91) Dibenzo(a,h)anthracene	28.797	278	3974066	51.102	ng	99
92) Benzo(g,h,i)perylene	29.903	276	3915296	49.463	ng	98

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

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