Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024379.D
Acq On : 22 Apr 2025 15:22
Operator : RC/JU
Sample : Q1842-13MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

Quant Time: Apr 22 15:48:03 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	101093	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	373819	20.000	ng		-0.01
39) Acenaphthene-d10	14.346	164	202442	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	374300	20.000	ng		0.00
76) Chrysene-d12	21.586	240	406598	20.000	ng		0.00
86) Perylene-d12	24.939	264	495479	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	528554	86.449	ng		0.00
7) Phenol-d6	6.899	99	684586	81.772	ng		-0.01
23) Nitrobenzene-d5	8.863	82	384105	58.590	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	247234	88.270	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	837819	63.366	ng		-0.01
79) Terphenyl-d14	19.869	244	1163565	57.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	98930	38.254	ng		97
3) Pyridine	3.676	79	252653	36.998	ng		97
4) n-Nitrosodimethylamine	3.581	42	95265	42.035	ng		87
6) Aniline	7.052	93	152604	20.399	ng		97
8) 2-Chlorophenol	7.293	128	269302	39.451	ng		98
9) Benzaldehyde	6.869	77	139998	33.806	ng		98
10) Phenol	6.928	94	334008	39.771	ng		97
11) bis(2-Chloroethyl)ether	7.146	93	254513	37.614	ng		99
12) 1,3-Dichlorobenzene	7.605	146	300786	40.929	ng		98
13) 1,4-Dichlorobenzene	7.752	146	304678	40.861	ng		99
14) 1,2-Dichlorobenzene	8.064	146	291396	40.471	ng		98
15) Benzyl Alcohol	7.958	79	211261	39.021	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	280713	38.381	ng		99
17) 2-Methylphenol	8.158	107	213500	39.298	ng		99
18) Hexachloroethane	8.781	117	111727	41.462	ng		99
19) n-Nitroso-di-n-propyla...	8.511	70	179728	34.701	ng		98
20) 3+4-Methylphenols	8.487	107	282533	37.480	ng		98
22) Acetophenone	8.528	105	380921	41.171	ng	#	99
24) Nitrobenzene	8.905	77	274858	42.381	ng		99
25) Isophorone	9.422	82	482677	40.676	ng		99
26) 2-Nitrophenol	9.611	139	132976	41.899	ng		98
27) 2,4-Dimethylphenol	9.675	122	229790	57.663	ng		100
28) bis(2-Chloroethoxy)met...	9.899	93	309203	38.572	ng		99
29) 2,4-Dichlorophenol	10.152	162	216453	39.836	ng		99
30) 1,2,4-Trichlorobenzene	10.352	180	247276	42.475	ng		98
31) Naphthalene	10.540	128	782437	39.735	ng		100
32) Benzoic acid	9.781	122	144403	31.098	ng		99
33) 4-Chloroaniline	10.652	127	101587	14.650	ng		100
34) Hexachlorobutadiene	10.828	225	148595	43.436	ng		99
35) Caprolactam	11.434	113	69303	34.567	ng		99
36) 4-Chloro-3-methylphenol	11.781	107	230317	36.391	ng		98
37) 2-Methylnaphthalene	12.152	142	467102	34.204	ng		99
38) 1-Methylnaphthalene	12.369	142	484927	36.298	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	253454	45.526	ng		99
41) Hexachlorocyclopentadiene	12.499	237	345424	175.434	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	161018	43.502	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	178782	43.618	ng	99
46) 1,1'-Biphenyl	13.169	154	628592	42.243	ng	100
47) 2-Chloronaphthalene	13.210	162	492032	44.241	ng	100
48) 2-Nitroaniline	13.416	65	133765	42.878	ng	96
49) Acenaphthylene	14.063	152	780446	44.571	ng	100
50) Dimethylphthalate	13.799	163	578635	39.304	ng	100
51) 2,6-Dinitrotoluene	13.916	165	124884	39.948	ng	94
52) Acenaphthene	14.410	154	460689	41.500	ng	98
53) 3-Nitroaniline	14.257	138	81985	24.952	ng	99
54) 2,4-Dinitrophenol	14.463	184	149738	81.315	ng	93
55) Dibenzofuran	14.746	168	701563	38.664	ng	98
56) 4-Nitrophenol	14.587	139	229844	80.997	ng	94
57) 2,4-Dinitrotoluene	14.716	165	174067	40.818	ng	96
58) Fluorene	15.410	166	570277	40.599	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	150716	39.868	ng	99
60) Diethylphthalate	15.181	149	569622	37.546	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	268226	39.323	ng	99
62) 4-Nitroaniline	15.428	138	132951	38.224	ng	93
63) Azobenzene	15.698	77	579292	41.544	ng	96
65) 4,6-Dinitro-2-methylph...	15.493	198	92618	39.248	ng	99
66) n-Nitrosodiphenylamine	15.628	169	478174	42.801	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	170501	41.650	ng	100
68) Hexachlorobenzene	16.434	284	208561	42.875	ng	100
69) Atrazine	16.598	200	162264	57.027	ng	100
70) Pentachlorophenol	16.792	266	280378	82.621	ng	98
71) Phenanthrene	17.187	178	887948	43.486	ng	100
72) Anthracene	17.281	178	867933	44.103	ng	100
73) Carbazole	17.563	167	833000	43.320	ng	100
74) Di-n-butylphthalate	18.151	149	965511	40.303	ng	100
75) Fluoranthene	19.275	202	1069814	44.052	ng	99
77) Benzidine	19.475	184	381349	73.991	ng	99
78) Pyrene	19.651	202	1109438	42.935	ng	99
80) Butylbenzylphthalate	20.598	149	445075	40.214	ng	100
81) Benzo(a)anthracene	21.569	228	1119560	44.299	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	254398	28.680	ng	99
83) Chrysene	21.633	228	1049294	43.337	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	632452	38.980	ng	100
85) Di-n-octyl phthalate	22.786	149	1067442	40.469	ng	100
87) Indeno(1,2,3-cd)pyrene	28.721	276	1618898	47.063	ng	100
88) Benzo(b)fluoranthene	23.874	252	1250184	42.094	ng	99
89) Benzo(k)fluoranthene	23.939	252	1172869	40.884	ng	99
90) Benzo(a)pyrene	24.774	252	1203302	46.970	ng	99
91) Dibenzo(a,h)anthracene	28.792	278	1285397	45.020	ng	98
92) Benzo(g,h,i)perylene	29.886	276	1303085	44.839	ng	99

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

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