Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024381.D
Acq On : 22 Apr 2025 16:44
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 17:06:03 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	118560	20.000	ng		0.00
21) Naphthalene-d8	10.493	136	468003	20.000	ng		0.00
39) Acenaphthene-d10	14.345	164	277558	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	508234	20.000	ng		0.01
76) Chrysene-d12	21.598	240	497744	20.000	ng		0.00
86) Perylene-d12	24.939	264	540457	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	688862	96.070	ng		0.00
7) Phenol-d6	6.905	99	923208	94.029	ng		0.00
23) Nitrobenzene-d5	8.863	82	522839	63.702	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	380107	98.982	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1191226	65.712	ng		0.00
79) Terphenyl-d14	19.886	244	1766483	71.535	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	123979	40.877	ng	#	95
3) Pyridine	3.675	79	315796	39.432	ng		96
4) n-Nitrosodimethylamine	3.587	42	120639	45.388	ng		92
6) Aniline	7.058	93	210998	24.049	ng		99
8) 2-Chlorophenol	7.293	128	361308	45.131	ng		98
9) Benzaldehyde	6.869	77	182317	37.539	ng		97
10) Phenol	6.928	94	449193	45.607	ng		96
11) bis(2-Chloroethyl)ether	7.152	93	335999	42.341	ng		99
12) 1,3-Dichlorobenzene	7.610	146	388631	45.091	ng		99
13) 1,4-Dichlorobenzene	7.757	146	393048	44.947	ng		99
14) 1,2-Dichlorobenzene	8.069	146	378114	44.779	ng		99
15) Benzyl Alcohol	7.957	79	286073	45.054	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	369456	43.072	ng		100
17) 2-Methylphenol	8.163	107	293205	46.018	ng		99
18) Hexachloroethane	8.787	117	146227	46.270	ng		98
19) n-Nitroso-di-n-propyla...	8.516	70	243635	40.110	ng		99
20) 3+4-Methylphenols	8.487	107	395349	44.719	ng		99
22) Acetophenone	8.534	105	511222	44.134	ng	#	99
24) Nitrobenzene	8.910	77	367188	45.224	ng		98
25) Isophorone	9.428	82	671510	45.201	ng		100
26) 2-Nitrophenol	9.616	139	183997	46.307	ng		98
27) 2,4-Dimethylphenol	9.681	122	322759	64.693	ng		99
28) bis(2-Chloroethoxy)met...	9.904	93	428982	42.745	ng		99
29) 2,4-Dichlorophenol	10.151	162	311772	45.831	ng		98
30) 1,2,4-Trichlorobenzene	10.357	180	331716	45.512	ng		100
31) Naphthalene	10.540	128	1059912	42.994	ng		100
32) Benzoic acid	9.799	122	212312	36.521	ng		99
33) 4-Chloroaniline	10.651	127	147580	16.999	ng		99
34) Hexachlorobutadiene	10.828	225	201385	47.020	ng		99
35) Caprolactam	11.440	113	104500	41.633	ng		100
36) 4-Chloro-3-methylphenol	11.787	107	345980	43.665	ng		98
37) 2-Methylnaphthalene	12.151	142	654817	38.300	ng		98
38) 1-Methylnaphthalene	12.375	142	689406	41.218	ng		100
40) 1,2,4,5-Tetrachloroben...	12.528	216	353019	46.250	ng		98
41) Hexachlorocyclopentadiene	12.504	237	476276	176.428	ng		99
43) 2,4,6-Trichlorophenol	12.775	196	243627	48.008	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	267908	47.674	ng	99
46) 1,1'-Biphenyl	13.175	154	913469	44.774	ng	99
47) 2-Chloronaphthalene	13.216	162	701462	46.003	ng	98
48) 2-Nitroaniline	13.422	65	200967	46.986	ng	96
49) Acenaphthylene	14.069	152	1160503	48.340	ng	100
50) Dimethylphthalate	13.804	163	874514	43.326	ng	99
51) 2,6-Dinitrotoluene	13.922	165	186555	43.525	ng	97
52) Acenaphthene	14.416	154	664767	43.678	ng	100
53) 3-Nitroaniline	14.257	138	125270	27.808	ng	96
54) 2,4-Dinitrophenol	14.469	184	235501	93.277	ng	93
55) Dibenzofuran	14.751	168	1050626	42.232	ng	99
56) 4-Nitrophenol	14.592	139	354611	91.146	ng	95
57) 2,4-Dinitrotoluene	14.722	165	268911	45.993	ng	98
58) Fluorene	15.416	166	839150	43.573	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	230356	44.444	ng	99
60) Diethylphthalate	15.186	149	871989	41.921	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	398626	42.625	ng	97
62) 4-Nitroaniline	15.439	138	207595	43.532	ng	92
63) Azobenzene	15.710	77	872995	45.663	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	147629	46.073	ng	99
66) n-Nitrosodiphenylamine	15.628	169	727812	47.978	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	259741	46.729	ng	99
68) Hexachlorobenzene	16.445	284	312351	47.290	ng	99
69) Atrazine	16.604	200	251416	65.073	ng	99
70) Pentachlorophenol	16.798	266	424731	92.176	ng	100
71) Phenanthrene	17.192	178	1318315	47.549	ng	100
72) Anthracene	17.286	178	1302727	48.752	ng	99
73) Carbazole	17.569	167	1217250	46.621	ng	99
74) Di-n-butylphthalate	18.163	149	1513973	46.543	ng	100
75) Fluoranthene	19.280	202	1584575	48.054	ng	99
77) Benzidine	19.486	184	673177	106.696	ng	99
78) Pyrene	19.657	202	1645464	52.019	ng	99
80) Butylbenzylphthalate	20.616	149	684086	50.490	ng	96
81) Benzo(a)anthracene	21.580	228	1498199	48.426	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	319933	29.463	ng	100
83) Chrysene	21.651	228	1420303	47.919	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	977095	49.194	ng	99
85) Di-n-octyl phthalate	22.792	149	1547154	47.914	ng	100
87) Indeno(1,2,3-cd)pyrene	28.739	276	1944821	51.833	ng	94
88) Benzo(b)fluoranthene	23.880	252	1544058	47.663	ng	98
89) Benzo(k)fluoranthene	23.945	252	1464837	46.812	ng	99
90) Benzo(a)pyrene	24.774	252	1444044	51.676	ng	99
91) Dibenzo(a,h)anthracene	28.809	278	1545907	49.638	ng	99
92) Benzo(g,h,i)perylene	29.915	276	1595527	50.333	ng	97

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

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