Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
Data File : BP024397.D
Acq On : 23 Apr 2025 15:33
Operator : RC/JU
Sample : Q1842-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 23 16:13:06 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	205293	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	849860	20.000	ng	-0.01
39) Acenaphthene-d10	14.351	164	544517	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1131685	20.000	ng	0.01
76) Chrysene-d12	21.598	240	1233931	20.000	ng	0.00
86) Perylene-d12	24.927	264	1429799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1090457	87.827	ng	0.00
7) Phenol-d6	6.905	99	1492131	87.767	ng	0.00
23) Nitrobenzene-d5	8.863	82	851178	57.110	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	791622	105.078	ng	0.01
45) 2-Fluorobiphenyl	12.963	172	2072853	58.286	ng	0.00
79) Terphenyl-d14	19.869	244	3903926	63.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	189906	36.161	ng	95
3) Pyridine	3.681	79	476498	34.361	ng	96
4) n-Nitrosodimethylamine	3.587	42	191979	41.713	ng	89
6) Aniline	7.058	93	451931	29.748	ng	99
8) 2-Chlorophenol	7.293	128	576369	41.578	ng	99
9) Benzaldehyde	6.869	77	284671	33.850	ng	99
10) Phenol	6.934	94	721780	42.322	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	534701	38.913	ng	100
12) 1,3-Dichlorobenzene	7.611	146	608796	40.794	ng	99
13) 1,4-Dichlorobenzene	7.752	146	615131	40.624	ng	99
14) 1,2-Dichlorobenzene	8.069	146	597284	40.850	ng	99
15) Benzyl Alcohol	7.958	79	474306	43.140	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	604513	40.701	ng	100
17) 2-Methylphenol	8.164	107	483733	43.846	ng	98
18) Hexachloroethane	8.787	117	233553	42.680	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	399647	37.997	ng	98
20) 3+4-Methylphenols	8.487	107	648128	42.339	ng	97
22) Acetophenone	8.534	105	824854	39.214	ng	99
24) Nitrobenzene	8.905	77	596214	40.437	ng	99
25) Isophorone	9.434	82	1130512	41.905	ng	97
26) 2-Nitrophenol	9.611	139	306732	42.511	ng	95
27) 2,4-Dimethylphenol	9.681	122	542013	59.826	ng	99
28) bis(2-Chloroethoxy)met...	9.905	93	716454	39.313	ng	99
29) 2,4-Dichlorophenol	10.146	162	533012	43.148	ng	99
30) 1,2,4-Trichlorobenzene	10.358	180	548547	41.446	ng	98
31) Naphthalene	10.540	128	1751731	39.130	ng	99
32) Benzoic acid	9.834	122	418253	39.620	ng	97
33) 4-Chloroaniline	10.658	127	248099	15.737	ng	97
34) Hexachlorobutadiene	10.822	225	340576	43.790	ng	99
35) Caprolactam	11.446	113	191094	41.925	ng	99
36) 4-Chloro-3-methylphenol	11.787	107	611791	42.520	ng	98
37) 2-Methylnaphthalene	12.152	142	1112770	35.841	ng	97
38) 1-Methylnaphthalene	12.375	142	1165830	38.384	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	617863	41.262	ng	99
41) Hexachlorocyclopentadiene	12.504	237	789035	148.987	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	437556	43.950	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.852	196	485663	44.052	ng	100
46) 1,1'-Biphenyl	13.169	154	1593152	39.804	ng	100
47) 2-Chloronaphthalene	13.216	162	1211373	40.495	ng	98
48) 2-Nitroaniline	13.422	65	373457	44.507	ng	95
49) Acenaphthylene	14.069	152	2059851	43.736	ng	99
50) Dimethylphthalate	13.799	163	1627584	41.102	ng	99
51) 2,6-Dinitrotoluene	13.928	165	357955	42.570	ng	98
52) Acenaphthene	14.416	154	1186129	39.725	ng	99
53) 3-Nitroaniline	14.269	138	246996	27.948	ng	98
54) 2,4-Dinitrophenol	14.469	184	463777	93.634	ng	96
55) Dibenzofuran	14.757	168	1890563	38.737	ng	97
56) 4-Nitrophenol	14.598	139	733289	96.073	ng	96
57) 2,4-Dinitrotoluene	14.722	165	523598	45.648	ng	97
58) Fluorene	15.416	166	1564900	41.419	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	452352	44.487	ng	99
60) Diethylphthalate	15.193	149	1698815	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	755960	41.204	ng	99
62) 4-Nitroaniline	15.451	138	409990	43.823	ng	93
63) Azobenzene	15.722	77	1652315	44.054	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	296927	41.616	ng	97
66) n-Nitrosodiphenylamine	15.645	169	1395521	41.314	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	519774	41.995	ng	99
68) Hexachlorobenzene	16.451	284	629662	42.813	ng	98
69) Atrazine	16.622	200	530522	61.667	ng	98
70) Pentachlorophenol	16.810	266	936806	91.305	ng	99
71) Phenanthrene	17.204	178	2620782	42.451	ng	100
72) Anthracene	17.304	178	2570026	43.193	ng	99
73) Carbazole	17.581	167	2536111	43.622	ng	100
74) Di-n-butylphthalate	18.169	149	3338436	46.091	ng	99
75) Fluoranthene	19.286	202	3407929	46.414	ng	99
77) Benzidine	19.481	184	1313081	83.951	ng	99
78) Pyrene	19.663	202	3459364	44.115	ng	99
80) Butylbenzylphthalate	20.610	149	1607811	47.868	ng	95
81) Benzo(a)anthracene	21.575	228	3409620	44.456	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	746422	27.728	ng	99
83) Chrysene	21.639	228	3161695	43.029	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	2395330	48.647	ng	100
85) Di-n-octyl phthalate	22.786	149	4047999	50.569	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	4584586	46.186	ng	96
88) Benzo(b)fluoranthene	23.880	252	3639167	42.462	ng	98
89) Benzo(k)fluoranthene	23.951	252	3556679	42.963	ng	99
90) Benzo(a)pyrene	24.780	252	3471027	46.952	ng	98
91) Dibenzo(a,h)anthracene	28.815	278	3648029	44.277	ng	99
92) Benzo(g,h,i)perylene	29.892	276	3656985	43.607	ng	98

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

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