Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021610.D
Acq On : 22 Aug 2024 12:15
Operator : RC/JU
Sample : PB162379BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162379BS

Quant Time: Aug 22 12:55:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:12:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	300018	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1213667	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	825465	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1869995	20.000	ng		0.01
76) Chrysene-d12	21.716	240	1887514	20.000	ng		0.00
86) Perylene-d12	25.151	264	2236788	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2660384	131.669	ng		0.00
7) Phenol-d6	6.975	99	3757095	127.469	ng		0.00
23) Nitrobenzene-d5	8.952	82	2197218	93.444	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1473211	160.357	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	4458685	82.434	ng		0.00
79) Terphenyl-d14	19.986	244	8500671	87.493	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	295085	30.801	ng		98
3) Pyridine	3.717	79	864333	32.318	ng		95
4) n-Nitrosodimethylamine	3.623	42	357150	44.429	ng		90
6) Aniline	7.128	93	1133956	38.483	ng		97
8) 2-Chlorophenol	7.369	128	977313	52.341	ng		95
9) Benzaldehyde	6.946	77	67393m	3.571	ng		
10) Phenol	6.999	94	1478547	48.442	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	1064642	41.223	ng		95
12) 1,3-Dichlorobenzene	7.693	146	966851	43.593	ng		98
13) 1,4-Dichlorobenzene	7.840	146	993114	44.344	ng		97
14) 1,2-Dichlorobenzene	8.152	146	956298	44.309	ng		99
15) Benzyl Alcohol	8.034	79	1000290	47.299	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1017990	42.802	ng		96
17) 2-Methylphenol	8.240	107	961287	49.819	ng		97
18) Hexachloroethane	8.881	117	403169	44.892	ng		99
19) n-Nitroso-di-n-propyla...	8.605	70	788929	38.748	ng	#	95
20) 3+4-Methylphenols	8.563	107	1339693	51.492	ng		98
22) Acetophenone	8.622	105	1531268	41.069	ng	#	97
24) Nitrobenzene	8.993	77	1194412	46.769	ng		93
25) Isophorone	9.522	82	2348363	42.275	ng		97
26) 2-Nitrophenol	9.699	139	471316	62.946	ng		96
27) 2,4-Dimethylphenol	9.763	122	770693	56.218	ng		95
28) bis(2-Chloroethoxy)met...	9.999	93	1477916	43.585	ng		99
29) 2,4-Dichlorophenol	10.240	162	938959	57.969	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	933587	44.957	ng		98
31) Naphthalene	10.640	128	2889187	45.569	ng		99
32) Benzoic acid	9.899	122	711231	67.704	ng		93
33) 4-Chloroaniline	10.740	127	945587	39.704	ng		97
34) Hexachlorobutadiene	10.934	225	543399	41.559	ng		99
35) Caprolactam	11.528	113	367368	54.489	ng		91
36) 4-Chloro-3-methylphenol	11.869	107	1270793	56.558	ng		96
37) 2-Methylnaphthalene	12.257	142	2045533	47.272	ng		100
38) 1-Methylnaphthalene	12.475	142	1918919	44.963	ng		100
40) 1,2,4,5-Tetrachloroben...	12.622	216	995119	41.144	ng		98
41) Hexachlorocyclopentadiene	12.610	237	1059706	138.243	ng		97
43) 2,4,6-Trichlorophenol	12.869	196	793458	59.059	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	877505	58.787	ng		96
46) 1,1'-Biphenyl	13.269	154	2518120	43.117	ng		98
47) 2-Chloronaphthalene	13.310	162	2100248	46.191	ng		99
48) 2-Nitroaniline	13.510	65	773204	59.315	ng	#	87
49) Acenaphthylene	14.169	152	3576620	53.510	ng		100
50) Dimethylphthalate	13.904	163	2841671	51.405	ng		99
51) 2,6-Dinitrotoluene	14.010	165	635921	56.271	ng		94
52) Acenaphthene	14.516	154	2444000m	55.727	ng		
53) 3-Nitroaniline	14.340	138	560472	50.862	ng	#	91
54) 2,4-Dinitrophenol	14.557	184	666701	129.190	ng	#	88
55) Dibenzofuran	14.857	168	3356600	49.753	ng		99
56) 4-Nitrophenol	14.663	139	1222464	129.951	ng		88
57) 2,4-Dinitrotoluene	14.816	165	911666	62.568	ng		89
58) Fluorene	15.516	166	2683098	48.410	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	804831	63.524	ng		98
60) Diethylphthalate	15.287	149	2941250	51.855	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1362347	47.552	ng		98
62) 4-Nitroaniline	15.528	138	715493	62.541	ng		93
63) Azobenzene	15.810	77	3213563	46.091	ng		96
65) 4,6-Dinitro-2-methylph...	15.587	198	482477	72.030	ng		99
66) n-Nitrosodiphenylamine	15.728	169	2480588	49.500	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	922370	46.605	ng		97
68) Hexachlorobenzene	16.545	284	1089831	46.597	ng		97
69) Atrazine	16.704	200	867857	50.441	ng		99
70) Pentachlorophenol	16.904	266	1447374	113.381	ng		99
71) Phenanthrene	17.304	178	4566475	50.777	ng		100
72) Anthracene	17.392	178	4602971	52.189	ng		100
73) Carbazole	17.675	167	4437015	52.201	ng		99
74) Di-n-butylphthalate	18.275	149	5295157	50.725	ng		99
75) Fluoranthene	19.392	202	5673653	51.417	ng		100
77) Benzidine	19.575	184	1995597	45.965	ng		100
78) Pyrene	19.769	202	5953959	48.260	ng		100
80) Butylbenzylphthalate	20.716	149	2527344	53.527	ng		93
81) Benzo(a)anthracene	21.698	228	6035949	50.940	ng		99
82) 3,3'-Dichlorobenzidine	21.610	252	1925402	50.680	ng		98
83) Chrysene	21.769	228	5727442	51.196	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	3769656	53.827	ng		99
85) Di-n-octyl phthalate	22.969	149	6582139	52.950	ng		97
87) Indeno(1,2,3-cd)pyrene	29.051	276	7529808m	51.933	ng		
88) Benzo(b)fluoranthene	24.069	252	6596243	51.347	ng		100
89) Benzo(k)fluoranthene	24.145	252	6081763	48.531	ng		99
90) Benzo(a)pyrene	24.992	252	6036429	54.148	ng		99
91) Dibenzo(a,h)anthracene	29.151	278	6113949	50.750	ng		100
92) Benzo(g,h,i)perylene	30.262	276	5903037	48.888	ng		99

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

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