Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060324\
Data File : BP020489.D
Acq On : 03 Jun 2024 12:40
Operator : MA/JU
Sample : PB161236BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 03 13:09:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB161236BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	343642	20.000	ng		0.00
21) Naphthalene-d8	10.528	136	1238210	20.000	ng		0.00
39) Acenaphthene-d10	14.381	164	651950	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1076111	20.000	ng		0.00
76) Chrysene-d12	21.651	240	1060035	20.000	ng		-0.02
86) Perylene-d12	25.015	264	1314676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2546515	132.679	ng		0.00
7) Phenol-d6	6.928	99	3057126	112.947	ng		0.00
23) Nitrobenzene-d5	8.910	82	1882681	83.232	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	757412	111.944	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	3827247	87.513	ng		0.00
79) Terphenyl-d14	19.939	244	4048870	63.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	289634	37.347	ng		99
3) Pyridine	3.716	79	714381	32.763	ng		99
4) n-Nitrosodimethylamine	3.634	42	447392	42.244	ng		99
6) Aniline	7.105	93	778779	28.395	ng		99
8) 2-Chlorophenol	7.328	128	906131	42.116	ng		100
9) Benzaldehyde	6.916	77	144542	8.325	ng		97
10) Phenol	6.957	94	1096817	39.560	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	905138	39.586	ng		99
12) 1,3-Dichlorobenzene	7.652	146	1051621	41.485	ng		98
13) 1,4-Dichlorobenzene	7.799	146	1063351	41.272	ng		99
14) 1,2-Dichlorobenzene	8.110	146	1013053	40.743	ng		99
15) Benzyl Alcohol	7.993	79	760083	38.017	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1315730	38.544	ng		99
17) 2-Methylphenol	8.193	107	700325	37.222	ng		99
18) Hexachloroethane	8.828	117	383543	40.769	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	632084	34.208	ng		100
20) 3+4-Methylphenols	8.516	107	920618	35.975	ng		99
22) Acetophenone	8.575	105	1288949	41.937	ng	#	99
24) Nitrobenzene	8.951	77	945673	41.194	ng		99
25) Isophorone	9.463	82	1663167	37.843	ng		100
26) 2-Nitrophenol	9.651	139	346782	38.962	ng		99
27) 2,4-Dimethylphenol	9.704	122	585824	44.122	ng		100
28) bis(2-Chloroethoxy)met...	9.951	93	1077398	39.885	ng		99
29) 2,4-Dichlorophenol	10.169	162	741161	41.609	ng		98
30) 1,2,4-Trichlorobenzene	10.393	180	896296	42.385	ng		98
31) Naphthalene	10.581	128	2584295	40.827	ng		100
32) Benzoic acid	9.822	122	352185	30.785	ng		98
33) 4-Chloroaniline	10.687	127	405882	16.576	ng		99
34) Hexachlorobutadiene	10.857	225	562933	42.260	ng		99
35) Caprolactam	11.457	113	192560	29.499	ng		94
36) 4-Chloro-3-methylphenol	11.804	107	714133	34.242	ng		97
37) 2-Methylnaphthalene	12.187	142	1709233	37.684	ng		99
38) 1-Methylnaphthalene	12.422	142	1545336	34.369	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	920262	48.787	ng		99
41) Hexachlorocyclopentadiene	12.534	237	928625	140.078	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	513760	45.058	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	543887	41.346	ng	98
46) 1,1'-Biphenyl	13.216	154	2070930	45.010	ng	99
47) 2-Chloronaphthalene	13.251	162	1583714	43.298	ng	99
48) 2-Nitroaniline	13.457	65	400834	40.442	ng	96
49) Acenaphthylene	14.104	152	2464776	45.414	ng	100
50) Dimethylphthalate	13.857	163	1786704	38.879	ng	99
51) 2,6-Dinitrotoluene	13.963	165	361759	36.829	ng	97
52) Acenaphthene	14.451	154	1424573m	41.611	ng	
53) 3-Nitroaniline	14.298	138	242072	24.568	ng	97
54) 2,4-Dinitrophenol	14.486	184	244777	60.904	ng	98
55) Dibenzofuran	14.792	168	2205242	40.663	ng	98
56) 4-Nitrophenol	14.598	139	560383	73.524	ng	95
57) 2,4-Dinitrotoluene	14.751	165	462038	35.792	ng	99
58) Fluorene	15.457	166	1655322	38.021	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	426949	39.661	ng	100
60) Diethylphthalate	15.233	149	1644155	35.195	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	862297	38.381	ng	99
62) 4-Nitroaniline	15.469	138	322226	31.748	ng	100
63) Azobenzene	15.757	77	1622308	37.191	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	164078	36.561	ng	98
66) n-Nitrosodiphenylamine	15.675	169	1399627	47.307	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	499854	45.403	ng	99
68) Hexachlorobenzene	16.480	284	569196	43.930	ng	99
69) Atrazine	16.651	200	430290	41.340	ng	99
70) Pentachlorophenol	16.833	266	625394	79.472	ng	99
71) Phenanthrene	17.245	178	2290798	43.305	ng	99
72) Anthracene	17.333	178	2312955	44.559	ng	100
73) Carbazole	17.610	167	2045845	40.746	ng	100
74) Di-n-butylphthalate	18.227	149	2326688	38.266	ng	100
75) Fluoranthene	19.333	202	2428173	38.800	ng	99
77) Benzidine	19.539	184	529194	18.266	ng	100
78) Pyrene	19.704	202	2607726	32.705	ng	99
80) Butylbenzylphthalate	20.680	149	996928	31.906	ng	93
81) Benzo(a)anthracene	21.633	228	2994138	42.898	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	906274	43.679	ng	99
83) Chrysene	21.704	228	2847096	43.290	ng	99
84) Bis(2-ethylhexyl)phtha...	21.604	149	1674755	36.906	ng	99
85) Di-n-octyl phthalate	22.904	149	3102985	47.047	ng	99
87) Indeno(1,2,3-cd)pyrene	28.839	276	4292988m	53.700	ng	
88) Benzo(b)fluoranthene	23.957	252	3444385	42.055	ng	100
89) Benzo(k)fluoranthene	24.021	252	3430957	42.951	ng	100
90) Benzo(a)pyrene	24.868	252	3259121	48.049	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	3539079	53.075	ng	99
92) Benzo(g,h,i)perylene	30.021	276	3367434	50.524	ng	99

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

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