Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
Data File : BP019840.D
Acq On : 23 Feb 2024 13:11
Operator : MA/JU
Sample : PB159196BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 13:39:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB159196BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	78024	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	287310	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	187847	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	434806	20.000	ng		0.00
76) Chrysene-d12	21.421	240	406090	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	452339	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	614187	126.887	ng		0.00
7) Phenol-d6	7.081	99	788752	120.851	ng		0.00
23) Nitrobenzene-d5	9.075	82	543057	81.903	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	448186	163.411	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1260757	82.971	ng		0.00
79) Terphenyl-d14	19.886	244	2316225	93.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	60431	32.404	ng		98
3) Pyridine	3.781	79	158605	31.369	ng		96
4) n-Nitrosodimethylamine	3.705	42	89997	40.884	ng		95
6) Aniline	7.240	93	166173	26.203	ng		99
8) 2-Chlorophenol	7.469	128	223039	44.881	ng		99
9) Benzaldehyde	7.051	77	78043m	17.055	ng		
10) Phenol	7.110	94	284231	43.694	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	213931	42.272	ng		98
12) 1,3-Dichlorobenzene	7.787	146	252708	41.558	ng		99
13) 1,4-Dichlorobenzene	7.940	146	259644	42.145	ng		98
14) 1,2-Dichlorobenzene	8.251	146	248698	41.722	ng		99
15) Benzyl Alcohol	8.157	79	226921	43.514	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	210341	41.563	ng		99
17) 2-Methylphenol	8.357	107	189340	43.234	ng		99
18) Hexachloroethane	8.969	117	98606	41.293	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	180148	40.410	ng		99
20) 3+4-Methylphenols	8.687	107	255501	42.748	ng		98
22) Acetophenone	8.740	105	353769	43.222	ng	#	98
24) Nitrobenzene	9.122	77	271828	40.718	ng		100
25) Isophorone	9.645	82	480952	41.650	ng		100
26) 2-Nitrophenol	9.828	139	121493	47.729	ng		96
27) 2,4-Dimethylphenol	9.892	122	166984	51.302	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	276597	42.336	ng		99
29) 2,4-Dichlorophenol	10.363	162	228561	46.453	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	265365	43.986	ng		99
31) Naphthalene	10.757	128	669127	42.464	ng		99
32) Benzoic acid	10.057	122	152619	48.125	ng		98
33) 4-Chloroaniline	10.881	127	76265	13.087	ng		99
34) Hexachlorobutadiene	11.022	225	196855	44.033	ng		98
35) Caprolactam	11.692	113	67191	48.238	ng		94
36) 4-Chloro-3-methylphenol	12.010	107	246348	45.918	ng		99
37) 2-Methylnaphthalene	12.369	142	469726	43.074	ng		99
38) 1-Methylnaphthalene	12.586	142	446478	41.663	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	331216	45.719	ng		99
41) Hexachlorocyclopentadiene	12.698	237	395780	120.933	ng		97
43) 2,4,6-Trichlorophenol	12.980	196	211781	48.277	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	229936	47.734	ng		98
46) 1,1'-Biphenyl	13.380	154	639359	42.645	ng		99
47) 2-Chloronaphthalene	13.422	162	516867	41.997	ng		99
48) 2-Nitroaniline	13.639	65	158309	46.002	ng		96
49) Acenaphthylene	14.269	152	816452	47.285	ng		100
50) Dimethylphthalate	14.022	163	663184	46.118	ng		100
51) 2,6-Dinitrotoluene	14.145	165	146346	46.320	ng		91
52) Acenaphthene	14.610	154	459025	42.833	ng		99
53) 3-Nitroaniline	14.469	138	92633	31.904	ng		99
54) 2,4-Dinitrophenol	14.686	184	194850	118.781	ng		98
55) Dibenzofuran	14.951	168	789943	45.258	ng		97
56) 4-Nitrophenol	14.792	139	226984	95.378	ng		96
57) 2,4-Dinitrotoluene	14.933	165	209625	50.631	ng		95
58) Fluorene	15.604	166	650562	46.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	215651	53.224	ng	#	95
60) Diethylphthalate	15.386	149	658860	46.063	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	367860	47.080	ng		95
62) 4-Nitroaniline	15.639	138	141979	46.651	ng		98
63) Azobenzene	15.892	77	606734	43.866	ng		98
65) 4,6-Dinitro-2-methylph...	15.698	198	135173	54.521	ng		94
66) n-Nitrosodiphenylamine	15.816	169	570380	43.801	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	243034	44.711	ng		94
68) Hexachlorobenzene	16.598	284	286706	45.168	ng		96
69) Atrazine	16.786	200	215203	49.802	ng		95
70) Pentachlorophenol	16.957	266	380437	96.242	ng		100
71) Phenanthrene	17.351	178	1025136	44.800	ng		99
72) Anthracene	17.445	178	1035291	45.355	ng		100
73) Carbazole	17.721	167	927257	44.716	ng		100
74) Di-n-butylphthalate	18.280	149	1135485	45.287	ng		99
75) Fluoranthene	19.327	202	1277737	45.710	ng		100
77) Benzidine	19.515	184	411146	48.427	ng		100
78) Pyrene	19.680	202	1301194	45.401	ng		99
80) Butylbenzylphthalate	20.568	149	501136	46.822	ng		98
81) Benzo(a)anthracene	21.404	228	1305035	45.653	ng		100
82) 3,3'-Dichlorobenzidine	21.339	252	425043	40.804	ng		100
83) Chrysene	21.457	228	1203461	44.343	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	703002	43.134	ng		99
85) Di-n-octyl phthalate	22.286	149	1188689	41.454	ng		99
87) Indeno(1,2,3-cd)pyrene	26.415	276	1656132	47.831	ng		97
88) Benzo(b)fluoranthene	23.109	252	1320631	46.324	ng		99
89) Benzo(k)fluoranthene	23.162	252	1221680	44.861	ng		99
90) Benzo(a)pyrene	23.751	252	1192937	47.028	ng		99
91) Dibenzo(a,h)anthracene	26.439	278	1365517	47.951	ng		97
92) Benzo(g,h,i)perylene	27.197	276	1315384	45.530	ng		98

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

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