Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019717.D
Acq On : 15 Feb 2024 11:43
Operator : MA/JU
Sample : PB158973BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 15 12:08:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB158973BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	66989	20.000	ng		-0.01
21) Naphthalene-d8	10.710	136	232872	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	145897	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	328127	20.000	ng		0.00
76) Chrysene-d12	21.392	240	293766	20.000	ng		0.00
86) Perylene-d12	23.810	264	359019	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	533731	128.429	ng		0.00
7) Phenol-d6	7.081	99	677129	120.838	ng		0.00
23) Nitrobenzene-d5	9.075	82	449959	83.726	ng		-0.01
42) 2,4,6-Tribromophenol	16.039	330	346454	162.639	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1019227	86.362	ng		-0.01
79) Terphenyl-d14	19.863	244	1700637	95.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	54330	33.932	ng		98
3) Pyridine	3.781	79	144213	33.221	ng		99
4) n-Nitrosodimethylamine	3.699	42	78663	41.622	ng		96
6) Aniline	7.240	93	146475	26.901	ng		98
8) 2-Chlorophenol	7.469	128	187708	43.994	ng		99
9) Benzaldehyde	7.052	77	12014m	3.058	ng		
10) Phenol	7.111	94	235326	42.135	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	176698	40.666	ng		99
12) 1,3-Dichlorobenzene	7.793	146	221561	42.438	ng		98
13) 1,4-Dichlorobenzene	7.940	146	225094	42.556	ng		98
14) 1,2-Dichlorobenzene	8.252	146	213675	41.752	ng		98
15) Benzyl Alcohol	8.158	79	191802	42.839	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	170192	39.169	ng		98
17) 2-Methylphenol	8.357	107	158457	42.142	ng		98
18) Hexachloroethane	8.975	117	83537	40.745	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	145647	38.053	ng		97
20) 3+4-Methylphenols	8.687	107	209809	40.886	ng		97
22) Acetophenone	8.740	105	292223	44.048	ng	#	97
24) Nitrobenzene	9.122	77	226174	41.799	ng		99
25) Isophorone	9.646	82	392089	41.892	ng		100
26) 2-Nitrophenol	9.828	139	103443	50.138	ng		92
27) 2,4-Dimethylphenol	9.887	122	139154	52.746	ng		100
28) bis(2-Chloroethoxy)met...	10.134	93	223248	42.158	ng		99
29) 2,4-Dichlorophenol	10.357	162	188018	47.146	ng		95
30) 1,2,4-Trichlorobenzene	10.569	180	222195	45.441	ng		99
31) Naphthalene	10.757	128	555723	43.511	ng		100
32) Benzoic acid	10.034	122	129096	50.224	ng		95
33) 4-Chloroaniline	10.881	127	65014	13.765	ng		96
34) Hexachlorobutadiene	11.028	225	159427	43.998	ng		97
35) Caprolactam	11.681	113	55500	49.159	ng		90
36) 4-Chloro-3-methylphenol	12.004	107	198224	45.585	ng		97
37) 2-Methylnaphthalene	12.369	142	384613	43.514	ng		100
38) 1-Methylnaphthalene	12.587	142	364595	41.975	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	272373	48.407	ng		99
41) Hexachlorocyclopentadiene	12.698	237	338858	133.311	ng		100
43) 2,4,6-Trichlorophenol	12.975	196	166938	48.997	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	181080	48.401	ng		97
46) 1,1'-Biphenyl	13.381	154	516906	44.391	ng		99
47) 2-Chloronaphthalene	13.422	162	417831	43.712	ng		99
48) 2-Nitroaniline	13.634	65	127321	47.635	ng		98
49) Acenaphthylene	14.263	152	657041	48.994	ng		100
50) Dimethylphthalate	14.010	163	515895	46.191	ng		99
51) 2,6-Dinitrotoluene	14.134	165	116429	47.447	ng		94
52) Acenaphthene	14.604	154	367740	44.182	ng		99
53) 3-Nitroaniline	14.463	138	78279	34.712	ng		98
54) 2,4-Dinitrophenol	14.675	184	150700	118.282	ng		97
55) Dibenzofuran	14.945	168	627093	46.258	ng		98
56) 4-Nitrophenol	14.775	139	187947	101.682	ng		98
57) 2,4-Dinitrotoluene	14.922	165	162718	50.602	ng		98
58) Fluorene	15.592	166	506559	46.916	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	170957	54.325	ng		94
60) Diethylphthalate	15.375	149	505166	45.473	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	283601	46.732	ng		93
62) 4-Nitroaniline	15.628	138	111969	47.369	ng		98
63) Azobenzene	15.887	77	459552	42.778	ng		97
65) 4,6-Dinitro-2-methylph...	15.687	198	99214	53.027	ng		94
66) n-Nitrosodiphenylamine	15.810	169	438235	44.595	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	186482	45.461	ng		93
68) Hexachlorobenzene	16.592	284	217754	45.458	ng		94
69) Atrazine	16.775	200	164502	50.446	ng		96
70) Pentachlorophenol	16.945	266	303829	101.851	ng		99
71) Phenanthrene	17.339	178	803717	46.543	ng		99
72) Anthracene	17.433	178	803742	46.658	ng		99
73) Carbazole	17.710	167	717780	45.867	ng		99
74) Di-n-butylphthalate	18.263	149	811217	42.873	ng		99
75) Fluoranthene	19.310	202	966810	45.831	ng		99
77) Benzidine	19.498	184	326573	53.173	ng		99
78) Pyrene	19.663	202	985160	47.517	ng		99
80) Butylbenzylphthalate	20.545	149	344377	44.479	ng		99
81) Benzo(a)anthracene	21.374	228	962772	46.558	ng		100
82) 3,3'-Dichlorobenzidine	21.310	252	317997	42.200	ng		99
83) Chrysene	21.427	228	901985	45.943	ng		100
84) Bis(2-ethylhexyl)phtha...	21.310	149	457809	38.830	ng		100
85) Di-n-octyl phthalate	22.257	149	789695	38.069	ng		99
87) Indeno(1,2,3-cd)pyrene	26.357	276	1367693	49.768	ng		98
88) Benzo(b)fluoranthene	23.074	252	1001008	44.239	ng		99
89) Benzo(k)fluoranthene	23.121	252	977935	45.245	ng		99
90) Benzo(a)pyrene	23.704	252	946468	47.011	ng		99
91) Dibenzo(a,h)anthracene	26.380	278	1134976	50.215	ng	#	97
92) Benzo(g,h,i)perylene	27.133	276	1102868	48.096	ng		97

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

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