Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009159.D
Acq On : 15 Feb 2022 17:57
Operator : CG/JU
Sample : N1521-18MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP3-CMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2022
Supervised By :Jagrut Upadhyay 02/16/2022

Quant Time: Feb 16 01:36:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 01:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	177132	20.000	ng		-0.01
21) Naphthalene-d8	10.581	136	627528	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	380081	20.000	ng		-0.01
64) Phenanthrene-d10	17.186	188	775560	20.000	ng		-0.01
76) Chrysene-d12	21.286	240	829688	20.000	ng		0.00
86) Perylene-d12	23.674	264	926164	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1091095	109.879	ng		0.00
7) Phenol-d6	6.981	99	1343901	102.710	ng		0.00
23) Nitrobenzene-d5	8.946	82	843471	75.800	ng		-0.01
42) 2,4,6-Tribromophenol	15.933	330	602841	118.792	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2039162	75.105	ng		0.00
79) Terphenyl-d14	19.751	244	2822278	61.172	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	161669	49.436	ng		96
3) Pyridine	3.687	79	402607	42.142	ng		98
4) n-Nitrosodimethylamine	3.599	42	184445	50.397	ng	#	95
6) Aniline	7.116	93	617439	41.574	ng		97
8) 2-Chlorophenol	7.357	128	558003	49.792	ng		99
9) Benzaldehyde	6.934	77	303126	45.736	ng		96
10) Phenol	7.005	94	665622	50.596	ng		96
11) bis(2-Chloroethyl)ether	7.210	93	503503	49.291	ng		97
12) 1,3-Dichlorobenzene	7.675	146	656116	50.623	ng		99
13) 1,4-Dichlorobenzene	7.816	146	672571	50.833	ng		98
14) 1,2-Dichlorobenzene	8.134	146	633952	49.441	ng		99
15) Benzyl Alcohol	8.040	79	425520m	51.087	ng		
16) 2,2'-oxybis(1-Chloropr...	8.316	45	551485	47.899	ng		99
17) 2-Methylphenol	8.252	107	427696	48.494	ng		97
18) Hexachloroethane	8.851	117	228751	52.191	ng		94
19) n-Nitroso-di-n-propyla...	8.599	70	353700	47.212	ng		97
20) 3+4-Methylphenols	8.581	107	558091	46.236	ng		97
22) Acetophenone	8.616	105	754160	51.409	ng	#	96
24) Nitrobenzene	8.993	77	548047	52.099	ng		96
25) Isophorone	9.522	82	975525	52.764	ng		100
26) 2-Nitrophenol	9.704	139	299146	54.984	ng		95
27) 2,4-Dimethylphenol	9.775	122	468258	57.561	ng		98
28) bis(2-Chloroethoxy)met...	9.998	93	623754	49.704	ng		99
29) 2,4-Dichlorophenol	10.257	162	525650	51.709	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	615413	51.489	ng		98
31) Naphthalene	10.634	128	1609537	50.288	ng		100
32) Benzoic acid	9.987	122	306416	45.924	ng		99
33) 4-Chloroaniline	10.763	127	389172	30.113	ng		99
34) Hexachlorobutadiene	10.916	225	392284	53.353	ng		99
35) Caprolactam	11.563	113	148814	49.925	ng		97
36) 4-Chloro-3-methylphenol	11.910	107	465638	48.019	ng		99
37) 2-Methylnaphthalene	12.245	142	1142865	50.460	ng		97
38) 1-Methylnaphthalene	12.469	142	1067334	48.227	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	668198	55.232	ng		100
41) Hexachlorocyclopentadiene	12.592	237	375306	82.619	ng		100
43) 2,4,6-Trichlorophenol	12.875	196	414149	51.622	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	442462	51.429	ng		97
46) 1,1'-Biphenyl	13.263	154	1468147	52.574	ng		98
47) 2-Chloronaphthalene	13.304	162	1139252	51.341	ng		99
48) 2-Nitroaniline	13.522	65	277120	53.897	ng		94
49) Acenaphthylene	14.151	152	1799930	53.803	ng		100
50) Dimethylphthalate	13.892	163	1381894	51.006	ng		99
51) 2,6-Dinitrotoluene	14.016	165	306189	54.188	ng		93
52) Acenaphthene	14.492	154	1027279	50.468	ng		98
53) 3-Nitroaniline	14.357	138	195483	33.824	ng		95
54) 2,4-Dinitrophenol	14.586	184	328814	83.655	ng		94
55) Dibenzofuran	14.834	168	1688815	49.246	ng		97
56) 4-Nitrophenol	14.704	139	413077	82.165	ng		92
57) 2,4-Dinitrotoluene	14.822	165	416812	56.484	ng	#	80
58) Fluorene	15.481	166	1351710	51.305	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	374195m	49.701	ng		
60) Diethylphthalate	15.257	149	1353175	52.822	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	737290	51.505	ng		98
62) 4-Nitroaniline	15.528	138	300302m	51.677	ng		
63) Azobenzene	15.769	77	1130738	51.015	ng		94
65) 4,6-Dinitro-2-methylph...	15.598	198	218076	45.819	ng		97
66) n-Nitrosodiphenylamine	15.692	169	1196530	50.871	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	461377	51.336	ng		99
68) Hexachlorobenzene	16.498	284	526576	52.305	ng		97
69) Atrazine	16.657	200	451961	57.949	ng		98
70) Pentachlorophenol	16.857	266	543544	102.539	ng		99
71) Phenanthrene	17.233	178	2144548	51.068	ng		98
72) Anthracene	17.322	178	2189840	53.299	ng		99
73) Carbazole	17.604	167	1982422	50.337	ng		99
74) Di-n-butylphthalate	18.145	149	2343752	58.735	ng		99
75) Fluoranthene	19.204	202	2570649	54.617	ng		97
77) Benzidine	19.386	184	1713471	98.832	ng		98
78) Pyrene	19.557	202	2674697	45.318	ng		98
80) Butylbenzylphthalate	20.427	149	1079305	53.182	ng		99
81) Benzo(a)anthracene	21.268	228	2770269	51.813	ng		96
82) 3,3'-Dichlorobenzidine	21.204	252	863276	46.567	ng		100
83) Chrysene	21.321	228	2562901	49.723	ng		99
84) Bis(2-ethylhexyl)phtha...	21.186	149	1604464	59.768	ng		97
85) Di-n-octyl phthalate	22.104	149	2794675	65.080	ng		100
87) Indeno(1,2,3-cd)pyrene	26.180	276	3678272	53.451	ng		97
88) Benzo(b)fluoranthene	22.945	252	3083035	54.073	ng		99
89) Benzo(k)fluoranthene	22.998	252	2781508	48.898	ng		99
90) Benzo(a)pyrene	23.568	252	2912997	61.280	ng		98
91) Dibenzo(a,h)anthracene	26.186	278	3163471	55.939	ng		98
92) Benzo(g,h,i)perylene	26.939	276	3168112	56.265	ng		98

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

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