Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009142.D
Acq On : 14 Feb 2022 19:27
Operator : CG/JU
Sample : N1443-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 14 23:59:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
TP-1-SOUTH-COMPMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

02/15/2022

Supervised By :Yogesh Patel

02/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	204404	20.000	ng		-0.01
21) Naphthalene-d8	10.587	136	724480	20.000	ng		-0.02
39) Acenaphthene-d10	14.433	164	424649	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	841279	20.000	ng		-0.01
76) Chrysene-d12	21.292	240	978091	20.000	ng		0.00
86) Perylene-d12	23.686	264	1249777	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1321014	115.283	ng		0.00
7) Phenol-d6	6.987	99	1669641	110.580	ng		0.00
23) Nitrobenzene-d5	8.957	82	1051567	81.854	ng		-0.01
42) 2,4,6-Tribromophenol	15.939	330	652478	115.079	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2502454	82.496	ng		-0.01
79) Terphenyl-d14	19.757	244	3315976	60.968	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	189917	50.325	ng		99
3) Pyridine	3.693	79	455541	41.321	ng		95
4) n-Nitrosodimethylamine	3.610	42	214592	50.811	ng	#	85
6) Aniline	7.128	93	329344	19.217	ng		98
8) 2-Chlorophenol	7.363	128	574992	44.462	ng		96
9) Benzaldehyde	6.940	77	337460	44.123	ng		99
10) Phenol	7.016	94	720601	47.467	ng		96
11) bis(2-Chloroethyl)ether	7.216	93	536105	45.480	ng		99
12) 1,3-Dichlorobenzene	7.681	146	715530	47.841	ng		97
13) 1,4-Dichlorobenzene	7.828	146	719300	47.111	ng		99
14) 1,2-Dichlorobenzene	8.140	146	671390	45.375	ng		97
15) Benzyl Alcohol	8.046	79	454533m	47.290	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	578676	43.555	ng		99
17) 2-Methylphenol	8.257	107	441212	43.352	ng		97
18) Hexachloroethane	8.863	117	243346	48.113	ng		96
19) n-Nitroso-di-n-propyla...	8.604	70	386553	44.713	ng		97
20) 3+4-Methylphenols	8.593	107	597875	42.924	ng		95
22) Acetophenone	8.622	105	821524	48.507	ng	#	96
24) Nitrobenzene	8.998	77	584513	48.130	ng		97
25) Isophorone	9.528	82	1021806	47.871	ng		99
26) 2-Nitrophenol	9.710	139	314081	50.004	ng		92
27) 2,4-Dimethylphenol	9.781	122	476191	50.702	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	638222	44.051	ng		98
29) 2,4-Dichlorophenol	10.263	162	551700	47.009	ng		100
30) 1,2,4-Trichlorobenzene	10.457	180	655006	47.468	ng		98
31) Naphthalene	10.640	128	1693412	45.828	ng		99
32) Benzoic acid	9.987	122	324757	42.898	ng		98
33) 4-Chloroaniline	10.769	127	152830	10.243	ng		97
34) Hexachlorobutadiene	10.922	225	410682	48.380	ng		99
35) Caprolactam	11.569	113	149159	43.344	ng		88
36) 4-Chloro-3-methylphenol	11.910	107	494143	44.140	ng		97
37) 2-Methylnaphthalene	12.251	142	1203113	46.011	ng		97
38) 1-Methylnaphthalene	12.475	142	1122207	43.921	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	698764	51.697	ng		99
41) Hexachlorocyclopentadiene	12.598	237	279950	58.036	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	435670	48.605	ng		100

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44) 2,4,5-Trichlorophenol	12.969	196	470319	48.930	ng		96
46) 1,1'-Biphenyl	13.269	154	1534094	49.170	ng		99
47) 2-Chloronaphthalene	13.310	162	1199044	48.364	ng		99
48) 2-Nitroaniline	13.528	65	288661	50.249	ng		95
49) Acenaphthylene	14.157	152	1891584	50.608	ng		99
50) Dimethylphthalate	13.898	163	1407725	46.506	ng		99
51) 2,6-Dinitrotoluene	14.022	165	308359	48.845	ng		92
52) Acenaphthene	14.498	154	1090570	47.954	ng		100
53) 3-Nitroaniline	14.363	138	87983	13.626	ng		96
54) 2,4-Dinitrophenol	14.586	184	286524	70.327	ng		92
55) Dibenzofuran	14.833	168	1762773	46.008	ng		99
56) 4-Nitrophenol	14.716	139	431133	78.023	ng		86
57) 2,4-Dinitrotoluene	14.822	165	423815	51.405	ng	#	82
58) Fluorene	15.486	166	1418377	48.185	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.080	232	382309	45.449	ng	#	89
60) Diethylphthalate	15.263	149	1338163	46.754	ng		100
61) 4-Chlorophenyl-phenyle...	15.480	204	740973	46.330	ng		99
62) 4-Nitroaniline	15.528	138	282801m	43.558	ng		
63) Azobenzene	15.775	77	1155636	46.666	ng		93
65) 4,6-Dinitro-2-methylph...	15.598	198	196337	38.029	ng		91
66) n-Nitrosodiphenylamine	15.698	169	1201747	47.102	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	463487	47.542	ng		100
68) Hexachlorobenzene	16.504	284	532863	48.795	ng		98
69) Atrazine	16.663	200	448844	53.054	ng		99
70) Pentachlorophenol	16.863	266	546123	94.977	ng		99
71) Phenanthrene	17.239	178	2162269	47.468	ng		99
72) Anthracene	17.327	178	2203466	49.441	ng		99
73) Carbazole	17.610	167	2000130	46.819	ng		100
74) Di-n-butylphthalate	18.151	149	2265423	52.337	ng		99
75) Fluoranthene	19.210	202	2658480	52.071	ng		97
77) Benzidine	19.392	184	866102	42.377	ng		97
78) Pyrene	19.563	202	2810260	40.390	ng		97
80) Butylbenzylphthalate	20.433	149	1040470	43.490	ng		99
81) Benzo(a)anthracene	21.280	228	2953690	46.861	ng		98
82) 3,3'-Dichlorobenzidine	21.210	252	930030	42.556	ng		99
83) Chrysene	21.327	228	2847989	46.871	ng		98
84) Bis(2-ethylhexyl)phtha...	21.198	149	1516538	47.921	ng		98
85) Di-n-octyl phthalate	22.110	149	2788450	55.083	ng		100
87) Indeno(1,2,3-cd)pyrene	26.198	276	4284856	46.143	ng		97
88) Benzo(b)fluoranthene	22.962	252	3462370	45.002	ng		99
89) Benzo(k)fluoranthene	23.004	252	3363829	43.823	ng		99
90) Benzo(a)pyrene	23.586	252	3523758	54.934	ng		98
91) Dibenzo(a,h)anthracene	26.203	278	3655226	47.898	ng		98
92) Benzo(g,h,i)perylene	26.962	276	3761755	49.509	ng		97

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

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