Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009118.D
Acq On : 11 Feb 2022 17:56
Operator : CG/JU
Sample : N1489-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 11 23:32:24 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 :
COMP-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	233763	20.000	ng		-0.01
21) Naphthalene-d8	10.593	136	930929	20.000	ng		-0.01
39) Acenaphthene-d10	14.434	164	652060	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	1433569	20.000	ng		-0.01
76) Chrysene-d12	21.292	240	1328249	20.000	ng		0.00
86) Perylene-d12	23.686	264	1140785	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1098644	83.836	ng		0.00
7) Phenol-d6	6.987	99	1454778	84.249	ng		0.00
23) Nitrobenzene-d5	8.957	82	1019734	61.773	ng		-0.01
42) 2,4,6-Tribromophenol	15.939	330	734733	84.392	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2807991	60.284	ng		-0.01
79) Terphenyl-d14	19.757	244	4003749	54.207	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	169359	39.241	ng		97
3) Pyridine	3.693	79	476889	37.825	ng		97
4) n-Nitrosodimethylamine	3.605	42	226711	46.939	ng		88
6) Aniline	7.122	93	773099	39.444	ng		99
8) 2-Chlorophenol	7.363	128	782771	52.927	ng		98
9) Benzaldehyde	6.934	77	431788m	49.366	ng		
10) Phenol	7.016	94	971288	55.945	ng		97
11) bis(2-Chloroethyl)ether	7.222	93	685036	50.816	ng		98
12) 1,3-Dichlorobenzene	7.681	146	820029	47.942	ng		98
13) 1,4-Dichlorobenzene	7.828	146	839810	48.096	ng		99
14) 1,2-Dichlorobenzene	8.140	146	818901	48.393	ng		98
15) Benzyl Alcohol	8.046	79	628917m	57.215	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	721860	47.508	ng		99
17) 2-Methylphenol	8.257	107	628123	53.966	ng		96
18) Hexachloroethane	8.863	117	280961	48.573	ng		92
19) n-Nitroso-di-n-propyla...	8.604	70	499279	50.499	ng		97
20) 3+4-Methylphenols	8.593	107	849973	53.359	ng		97
22) Acetophenone	8.622	105	1059857	48.702	ng	#	97
24) Nitrobenzene	8.998	77	754002	48.318	ng		95
25) Isophorone	9.528	82	1436604	52.379	ng		97
26) 2-Nitrophenol	9.710	139	428007	53.030	ng		95
27) 2,4-Dimethylphenol	9.787	122	731508	60.614	ng		97
28) bis(2-Chloroethoxy)met...	10.004	93	908836	48.818	ng		99
29) 2,4-Dichlorophenol	10.257	162	804521	53.349	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	839571	47.350	ng		99
31) Naphthalene	10.640	128	2268982	47.787	ng		99
32) Benzoic acid	10.010	122	545334	53.033	ng		97
33) 4-Chloroaniline	10.769	127	334941	17.470	ng		99
34) Hexachlorobutadiene	10.922	225	526884	48.304	ng		99
35) Caprolactam	11.581	113	254191m	57.484	ng		
36) 4-Chloro-3-methylphenol	11.916	107	762529	53.008	ng		98
37) 2-Methylnaphthalene	12.257	142	1725176	51.345	ng		99
38) 1-Methylnaphthalene	12.475	142	1624618	49.483	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1009112	48.620	ng		98
41) Hexachlorocyclopentadiene	12.604	237	711542	90.393	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	689661	50.108	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	740590	50.177	ng		97
46) 1,1'-Biphenyl	13.269	154	2273419	47.454	ng		100
47) 2-Chloronaphthalene	13.310	162	1783070	46.838	ng		99
48) 2-Nitroaniline	13.528	65	450201	51.038	ng		96
49) Acenaphthylene	14.157	152	2858911	49.812	ng		100
50) Dimethylphthalate	13.904	163	2262526	48.678	ng		100
51) 2,6-Dinitrotoluene	14.028	165	510420	52.654	ng		97
52) Acenaphthene	14.498	154	1663356	47.632	ng		99
53) 3-Nitroaniline	14.357	138	290233	29.272	ng		96
54) 2,4-Dinitrophenol	14.581	184	556985	82.925	ng		96
55) Dibenzofuran	14.839	168	2775706	47.179	ng		99
56) 4-Nitrophenol	14.704	139	798450	89.875	ng		93
57) 2,4-Dinitrotoluene	14.822	165	720859	56.941	ng	#	88
58) Fluorene	15.492	166	2156846	47.718	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	668327m	51.742	ng		
60) Diethylphthalate	15.269	149	2249825	51.191	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	1161876	47.311	ng		98
62) 4-Nitroaniline	15.533	138	498781m	50.031	ng		
63) Azobenzene	15.775	77	1843766	48.487	ng		94
65) 4,6-Dinitro-2-methylph...	15.598	198	390727	44.412	ng		99
66) n-Nitrosodiphenylamine	15.704	169	2016563	46.383	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	788807	47.483	ng		99
68) Hexachlorobenzene	16.504	284	917069	49.282	ng		99
69) Atrazine	16.669	200	793912	55.070	ng		98
70) Pentachlorophenol	16.857	266	1093582	111.609	ng		100
71) Phenanthrene	17.239	178	3683403	47.452	ng		99
72) Anthracene	17.333	178	3737453	49.213	ng		99
73) Carbazole	17.610	167	3387652	46.536	ng		99
74) Di-n-butylphthalate	18.157	149	3997549	54.197	ng		98
75) Fluoranthene	19.210	202	4405488	50.638	ng		97
77) Benzidine	19.392	184	1669501	60.151	ng		98
78) Pyrene	19.563	202	4492252	47.544	ng		98
80) Butylbenzylphthalate	20.433	149	1794630	55.237	ng		99
81) Benzo(a)anthracene	21.280	228	4093177	47.820	ng		99
82) 3,3'-Dichlorobenzidine	21.210	252	1172829	39.518	ng		96
83) Chrysene	21.333	228	3846293	46.613	ng		98
84) Bis(2-ethylhexyl)phtha...	21.198	149	2614190	60.829	ng		97
85) Di-n-octyl phthalate	22.115	149	4302582	62.587	ng		99
87) Indeno(1,2,3-cd)pyrene	26.192	276	3604902	42.529	ng		97
88) Benzo(b)fluoranthene	22.957	252	3624210	51.606	ng		99
89) Benzo(k)fluoranthene	23.004	252	3481400	49.688	ng		98
90) Benzo(a)pyrene	23.580	252	3293465	56.249	ng		99
91) Dibenzo(a,h)anthracene	26.198	278	3070504	44.080	ng		98
92) Benzo(g,h,i)perylene	26.951	276	3169145	45.694	ng		98

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

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