Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009156.D
Acq On : 15 Feb 2022 16:16
Operator : CG/JU
Sample : N1470-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CTY2-WC-ROLLOFFMSD

Manual Integrations APPROVED

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

Quant Time: Feb 16 01:34:50 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	7.787	152	185691	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	672052	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	409664	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	848284	20.000	ng		0.00
76) Chrysene-d12	21.286	240	895948	20.000	ng		0.00
86) Perylene-d12	23.680	264	1052311	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1164660	111.881	ng		0.00
7) Phenol-d6	6.981	99	1325769	96.654	ng		0.00
23) Nitrobenzene-d5	8.952	82	991040	83.161	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	800006	146.260	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2582724	88.256	ng		0.00
79) Terphenyl-d14	19.757	244	4167017	83.640	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	155529	45.366	ng	#	48
3) Pyridine	3.705	79	266928	26.652	ng		98
4) n-Nitrosodimethylamine	3.605	42	168111	43.817	ng	#	86
6) Aniline	7.116	93	429843	27.608	ng		97
8) 2-Chlorophenol	7.357	128	522862	44.506	ng		98
9) Benzaldehyde	6.934	77	232906	33.521	ng		97
10) Phenol	7.010	94	542401	39.330	ng		94
11) bis(2-Chloroethyl)ether	7.216	93	490630	45.817	ng		99
12) 1,3-Dichlorobenzene	7.675	146	583915	42.976	ng		97
13) 1,4-Dichlorobenzene	7.822	146	596495	43.005	ng		99
14) 1,2-Dichlorobenzene	8.140	146	574817	42.763	ng		99
15) Benzyl Alcohol	8.040	79	418375m	47.914	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	522035	43.252	ng		99
17) 2-Methylphenol	8.252	107	402805	43.567	ng		97
18) Hexachloroethane	8.857	117	203828	44.361	ng		94
19) n-Nitroso-di-n-propyla...	8.599	70	346472	44.116	ng		97
20) 3+4-Methylphenols	8.587	107	519935	41.090	ng		96
22) Acetophenone	8.616	105	726207	46.224	ng	#	94
24) Nitrobenzene	8.993	77	534830	47.475	ng		97
25) Isophorone	9.522	82	980352	49.512	ng		99
26) 2-Nitrophenol	9.704	139	285483	48.997	ng		95
27) 2,4-Dimethylphenol	9.781	122	463007	53.144	ng		99
28) bis(2-Chloroethoxy)met...	9.999	93	605165	45.028	ng		98
29) 2,4-Dichlorophenol	10.263	162	507016	46.572	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	582429	45.501	ng		99
31) Naphthalene	10.634	128	1549753	45.212	ng		99
32) Benzoic acid	9.987	122	262139	38.374	ng		99
33) 4-Chloroaniline	10.769	127	211592	15.288	ng		98
34) Hexachlorobutadiene	10.916	225	364285	46.262	ng		98
35) Caprolactam	11.575	113	130257	40.804	ng		93
36) 4-Chloro-3-methylphenol	11.910	107	476412	45.876	ng		99
37) 2-Methylnaphthalene	12.251	142	1132810	46.702	ng		97
38) 1-Methylnaphthalene	12.469	142	1056690	44.583	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	661634	50.740	ng		99
41) Hexachlorocyclopentadiene	12.593	237	366586	75.683	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	429502	49.670	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	452662	48.816	ng		97
46) 1,1'-Biphenyl	13.263	154	1480366	49.184	ng		99
47) 2-Chloronaphthalene	13.304	162	1164582	48.693	ng		99
48) 2-Nitroaniline	13.522	65	284954	51.419	ng		97
49) Acenaphthylene	14.151	152	1831830	50.802	ng		100
50) Dimethylphthalate	13.892	163	1450353	49.667	ng		99
51) 2,6-Dinitrotoluene	14.022	165	322161	52.898	ng		94
52) Acenaphthene	14.492	154	1068035	48.681	ng		99
53) 3-Nitroaniline	14.357	138	228905	36.746	ng		97
54) 2,4-Dinitrophenol	14.587	184	384339	88.444	ng		95
55) Dibenzofuran	14.834	168	1782736	48.231	ng		98
56) 4-Nitrophenol	14.710	139	422326	78.937	ng		92
57) 2,4-Dinitrotoluene	14.822	165	448237	56.356	ng	#	82
58) Fluorene	15.486	166	1417867	49.930	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.075	232	398297m	49.082	ng		
60) Diethylphthalate	15.257	149	1444930	52.331	ng		99
61) 4-Chlorophenyl-phenyle...	15.475	204	760848	49.312	ng		98
62) 4-Nitroaniline	15.528	138	318358m	50.828	ng		
63) Azobenzene	15.775	77	1188204	49.736	ng		96
65) 4,6-Dinitro-2-methylph...	15.598	198	244867	47.037	ng		96
66) n-Nitrosodiphenylamine	15.698	169	1265280	49.182	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	495134	50.369	ng		99
68) Hexachlorobenzene	16.498	284	568515	51.630	ng		97
69) Atrazine	16.657	200	484042	56.742	ng		99
70) Pentachlorophenol	16.857	266	611358	105.444	ng		100
71) Phenanthrene	17.233	178	2299080	50.054	ng		99
72) Anthracene	17.322	178	2352853	52.357	ng		99
73) Carbazole	17.604	167	2148832	49.885	ng		98
74) Di-n-butylphthalate	18.145	149	2571260	58.912	ng		99
75) Fluoranthene	19.210	202	2824441	54.865	ng		95
77) Benzidine	19.392	184	639148	34.139	ng		98
78) Pyrene	19.563	202	2890889	45.358	ng		99
80) Butylbenzylphthalate	20.427	149	1170286	53.401	ng		99
81) Benzo(a)anthracene	21.274	228	2886412	49.992	ng		97
82) 3,3'-Dichlorobenzidine	21.204	252	990913	49.499	ng		97
83) Chrysene	21.327	228	2724691	48.953	ng		98
84) Bis(2-ethylhexyl)phtha...	21.192	149	1727978	59.608	ng		96
85) Di-n-octyl phthalate	22.104	149	2939640	63.393	ng		100
87) Indeno(1,2,3-cd)pyrene	26.186	276	4103120	52.477	ng		97
88) Benzo(b)fluoranthene	22.951	252	3148682	48.604	ng		99
89) Benzo(k)fluoranthene	22.998	252	3109517	48.111	ng		99
90) Benzo(a)pyrene	23.580	252	3142632	58.186	ng		97
91) Dibenzo(a,h)anthracene	26.192	278	3541353	55.114	ng		98
92) Benzo(g,h,i)perylene	26.951	276	3476550	54.341	ng		98

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

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