Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009044.D
Acq On : 07 Feb 2022 13:26
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :Yogesh Patel 02/15/2022

Quant Time: Feb 07 14:20:28 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 13:09:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	247177	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	937173	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	634429	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1340071	20.000	ng		0.00
76) Chrysene-d12	21.304	240	1096848	20.000	ng		0.00
86) Perylene-d12	23.692	264	916859	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1599786	113.807	ng		0.00
7) Phenol-d6	6.993	99	2139689	116.158	ng		0.00
23) Nitrobenzene-d5	8.969	82	1978705	118.312	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	1101429	126.690	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	5056474	111.264	ng		0.00
79) Terphenyl-d14	19.769	244	7146675	118.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	253934	54.656	ng		98
3) Pyridine	3.705	79	713706m	51.740	ng		
4) n-Nitrosodimethylamine	3.617	42	269115	52.523	ng	#	89
6) Aniline	7.140	93	1239489	59.164	ng		98
8) 2-Chlorophenol	7.375	128	902410	57.024	ng		98
9) Benzaldehyde	6.952	77	467227m	52.912	ng		
10) Phenol	7.016	94	1081694	58.555	ng		96
11) bis(2-Chloroethyl)ether	7.234	93	834522	58.393	ng		97
12) 1,3-Dichlorobenzene	7.693	146	1018179	56.175	ng		99
13) 1,4-Dichlorobenzene	7.840	146	1042007	56.127	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1000402	55.816	ng		100
15) Benzyl Alcohol	8.057	79	748031	63.215	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	921410	58.101	ng		99
17) 2-Methylphenol	8.263	107	725285	58.544	ng		97
18) Hexachloroethane	8.881	117	349309	57.047	ng		99
19) n-Nitroso-di-n-propyla...	8.622	70	633484	59.569	ng		95
20) 3+4-Methylphenols	8.593	107	1017586	59.717	ng		98
22) Acetophenone	8.634	105	1294329	58.029	ng	#	97
24) Nitrobenzene	9.010	77	932744	59.055	ng		96
25) Isophorone	9.546	82	1706834	60.977	ng		98
26) 2-Nitrophenol	9.722	139	518569	62.059	ng		94
27) 2,4-Dimethylphenol	9.793	122	734266	59.532	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	1110177	59.500	ng		99
29) 2,4-Dichlorophenol	10.269	162	930611	60.478	ng		100
30) 1,2,4-Trichlorobenzene	10.469	180	1035713	58.072	ng		99
31) Naphthalene	10.657	128	2760247	57.477	ng		100
32) Benzoic acid	10.010	122	669629	68.382	ng		97
33) 4-Chloroaniline	10.775	127	1179415	60.011	ng		99
34) Hexachlorobutadiene	10.940	225	631568	57.622	ng		100
35) Caprolactam	11.598	113	302693	65.567	ng		94
36) 4-Chloro-3-methylphenol	11.916	107	910405	62.040	ng		99
37) 2-Methylnaphthalene	12.269	142	2005939	58.982	ng		98
38) 1-Methylnaphthalene	12.487	142	1962818	58.919	ng		100
40) 1,2,4,5-Tetrachloroben...	12.640	216	1169151	57.778	ng		99
41) Hexachlorocyclopentadiene	12.616	237	435184	84.045	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	829932	60.875	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	900579	61.466	ng		98
46) 1,1'-Biphenyl	13.287	154	2647145	56.692	ng		99
47) 2-Chloronaphthalene	13.328	162	2127543	57.054	ng		99
48) 2-Nitroaniline	13.540	65	560036	63.439	ng		97
49) Acenaphthylene	14.169	152	3272325	57.941	ng		100
50) Dimethylphthalate	13.916	163	2728553	59.643	ng		100
51) 2,6-Dinitrotoluene	14.034	165	598025	62.905	ng		92
52) Acenaphthene	14.516	154	1980860	58.095	ng		98
53) 3-Nitroaniline	14.369	138	630856	63.328	ng		97
54) 2,4-Dinitrophenol	14.587	184	365079	69.741	ng		94
55) Dibenzofuran	14.851	168	3296749	57.373	ng		97
56) 4-Nitrophenol	14.698	139	489069	66.419	ng		94
57) 2,4-Dinitrotoluene	14.828	165	813111	64.549	ng	#	89
58) Fluorene	15.504	166	2566640	57.769	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.087	232	786476m	61.373	ng		
60) Diethylphthalate	15.281	149	2616866	60.956	ng		98
61) 4-Chlorophenyl-phenyle...	15.492	204	1415072	58.966	ng		98
62) 4-Nitroaniline	15.539	138	658618	65.072	ng		90
63) Azobenzene	15.792	77	2275006	61.588	ng		96
65) 4,6-Dinitro-2-methylph...	15.604	198	547546	65.423	ng		98
66) n-Nitrosodiphenylamine	15.716	169	2327727	57.091	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	919684	59.278	ng		98
68) Hexachlorobenzene	16.516	284	1015855	58.392	ng		98
69) Atrazine	16.675	200	821904	60.283	ng		99
70) Pentachlorophenol	16.863	266	613614	65.793	ng		99
71) Phenanthrene	17.251	178	4139426	56.811	ng		99
72) Anthracene	17.339	178	4145412	58.271	ng		99
73) Carbazole	17.616	167	4002939	58.460	ng		99
74) Di-n-butylphthalate	18.169	149	4331728	61.929	ng		99
75) Fluoranthene	19.222	202	4792685	59.095	ng		97
77) Benzidine	19.398	184	1436510	60.521	ng		98
78) Pyrene	19.575	202	4855216	63.377	ng		99
80) Butylbenzylphthalate	20.445	149	1775638	65.983	ng		97
81) Benzo(a)anthracene	21.286	228	4082516	57.212	ng		99
82) 3,3'-Dichlorobenzidine	21.216	252	1429102	54.797	ng		98
83) Chrysene	21.339	228	3900020	56.770	ng		98
84) Bis(2-ethylhexyl)phtha...	21.210	149	2330518	64.956	ng		96
85) Di-n-octyl phthalate	22.127	149	3644151	61.035	ng		100
87) Indeno(1,2,3-cd)pyrene	26.192	276	3820438	55.640	ng		97
88) Benzo(b)fluoranthene	22.968	252	3475267	63.019	ng		98
89) Benzo(k)fluoranthene	23.015	252	3271159	58.192	ng		98
90) Benzo(a)pyrene	23.592	252	2729736	57.635	ng		98
91) Dibenzo(a,h)anthracene	26.204	278	3126974	55.361	ng		98
92) Benzo(g,h,i)perylene	26.956	276	3105315	55.002	ng		98

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

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