Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
Data File : BM034026.D
Acq On : 09 Feb 2022 13:33
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Quant Time: Feb 09 16:44:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 09 16:41:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.900	152	140472	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	541537	20.000	ng	#	0.00
39) Acenaphthene-d10	14.544	164	310046	20.000	ng		0.00
64) Phenanthrene-d10	17.270	188	582728	20.000	ng	#	0.00
76) Chrysene-d12	21.437	240	576663	20.000	ng	#	0.00
86) Perylene-d12	23.825	264	599986	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	375358	43.478	ng		0.00
7) Phenol-d6	7.066	99	439761	39.227	ng		0.00
23) Nitrobenzene-d5	9.071	82	459137	40.502	ng		0.00
42) 2,4,6-Tribromophenol	16.031	330	137873	36.582	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	1008179	44.115	ng		0.00
79) Terphenyl-d14	19.883	244	1120461	36.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	73953m	19.836	ng		
3) Pyridine	3.710	79	238116	24.967	ng	#	75
4) n-Nitrosodimethylamine	3.620	42	75205	15.406	ng	#	27
6) Aniline	7.224	93	250588	19.714	ng	#	89
8) 2-Chlorophenol	7.449	128	182128	19.769	ng		99
9) Benzaldehyde	7.021	77	142504	23.932	ng		98
10) Phenol	7.089	94	225738	20.030	ng		85
11) bis(2-Chloroethyl)ether	7.314	93	193548	22.132	ng		90
12) 1,3-Dichlorobenzene	7.787	146	216240	20.477	ng		97
13) 1,4-Dichlorobenzene	7.945	146	206526	19.128	ng		94
14) 1,2-Dichlorobenzene	8.260	146	210246	20.210	ng		97
15) Benzyl Alcohol	8.147	79	169655	19.021	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.440	45	207276	16.692	ng		84
17) 2-Methylphenol	8.350	107	148148	19.333	ng		93
18) Hexachloroethane	8.981	117	79376	20.164	ng		90
19) n-Nitroso-di-n-propyla...	8.710	70	148768	21.145	ng	#	78
20) 3+4-Methylphenols	8.665	107	210641	19.822	ng		97
22) Acetophenone	8.733	105	273272	19.270	ng	#	82
24) Nitrobenzene	9.093	77	212083	19.795	ng		97
25) Isophorone	9.634	82	349165	20.296	ng		98
26) 2-Nitrophenol	9.814	139	88894	19.281	ng		92
27) 2,4-Dimethylphenol	9.882	122	156536	21.373	ng		95
28) bis(2-Chloroethoxy)met...	10.107	93	226682	19.713	ng		97
29) 2,4-Dichlorophenol	10.355	162	166775	20.236	ng		99
30) 1,2,4-Trichlorobenzene	10.580	180	195914	20.951	ng		98
31) Naphthalene	10.760	128	572576	19.713	ng		99
32) Benzoic acid	9.972	122	89182	16.295	ng		93
33) 4-Chloroaniline	10.873	127	225476	19.774	ng	#	88
34) Hexachlorobutadiene	11.053	225	125037	20.223	ng		97
35) Caprolactam	11.639	113	45516	18.468	ng	#	55
36) 4-Chloro-3-methylphenol	11.999	107	169183	17.404	ng	#	83
37) 2-Methylnaphthalene	12.382	142	363213	18.610	ng		96
38) 1-Methylnaphthalene	12.585	142	371018	19.403	ng		98
40) 1,2,4,5-Tetrachloroben...	12.742	216	213579	22.728	ng		99
41) Hexachlorocyclopentadiene	12.720	237	111562	19.901	ng		98
43) 2,4,6-Trichlorophenol	12.968	196	123158	19.595	ng		97

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44) 2,4,5-Trichlorophenol	13.058	196	135222	20.008	ng	#	85
46) 1,1'-Biphenyl	13.373	154	522937	21.726	ng		99
47) 2-Chloronaphthalene	13.418	162	397601	21.631	ng		100
48) 2-Nitroaniline	13.621	65	103837	17.830	ng	#	64
49) Acenaphthylene	14.252	152	541374	18.890	ng		99
50) Dimethylphthalate	14.004	163	431377	18.671	ng		97
51) 2,6-Dinitrotoluene	14.117	165	94432	20.467	ng	#	68
52) Acenaphthene	14.612	154	362814	20.557	ng		99
53) 3-Nitroaniline	14.432	138	100107	19.618	ng		97
54) 2,4-Dinitrophenol	14.635	184	46592	16.607	ng	#	80
55) Dibenzofuran	14.927	168	551205	19.244	ng		92
56) 4-Nitrophenol	14.747	139	74535	18.015	ng	#	68
57) 2,4-Dinitrotoluene	14.905	165	111028	17.877	ng	#	55
58) Fluorene	15.581	166	476494	21.245	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.153	232	113569	19.238	ng		99
60) Diethylphthalate	15.355	149	522349	22.654	ng		98
61) 4-Chlorophenyl-phenyle...	15.581	204	251841	22.112	ng		93
62) 4-Nitroaniline	15.603	138	92060	17.492	ng	#	79
63) Azobenzene	15.873	77	465997	20.458	ng		79
65) 4,6-Dinitro-2-methylph...	15.648	198	63618	17.753	ng		79
66) n-Nitrosodiphenylamine	15.783	169	405545	22.538	ng		100
67) 4-Bromophenyl-phenylether	16.482	248	121798	19.397	ng	#	77
68) Hexachlorobenzene	16.594	284	156731	22.343	ng	#	83
69) Atrazine	16.729	200	119136	19.657	ng		98
70) Pentachlorophenol	16.932	266	95170	21.773	ng		97
71) Phenanthrene	17.315	178	718795	21.926	ng		99
72) Anthracene	17.405	178	700105	22.072	ng		99
73) Carbazole	17.675	167	714829	22.725	ng		99
74) Di-n-butylphthalate	18.239	149	774697	22.732	ng		99
75) Fluoranthene	19.320	202	696167	19.015	ng		94
77) Benzidine	19.500	184	215734	17.991	ng		100
78) Pyrene	19.680	202	728901	19.133	ng		99
80) Butylbenzylphthalate	20.581	149	397153	25.973	ng		89
81) Benzo(a)anthracene	21.437	228	721121	19.318	ng		100
82) 3,3'-Dichlorobenzidine	21.370	252	216233	16.444	ng	#	94
83) Chrysene	21.482	228	833865m	23.067	ng		
84) Bis(2-ethylhexyl)phtha...	21.347	149	310953	14.338	ng	#	91
85) Di-n-octyl phthalate	22.271	149	837378	23.043	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.303	276	880327	20.126	ng	#	74
88) Benzo(b)fluoranthene	23.104	252	849274m	23.429	ng		
89) Benzo(k)fluoranthene	23.149	252	677188m	18.434	ng		
90) Benzo(a)pyrene	23.712	252	636064	20.775	ng	#	97
91) Dibenzo(a,h)anthracene	26.325	278	723982	19.688	ng		96
92) Benzo(g,h,i)perylene	27.068	276	720213	20.070	ng		97

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

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