Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
Data File : BM034027.D
Acq On : 09 Feb 2022 14:09
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 16:44:57 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

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.900	152	152263	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	581930	20.000	ng	#	0.00
39) Acenaphthene-d10	14.545	164	334823	20.000	ng		0.00
64) Phenanthrene-d10	17.270	188	617465	20.000	ng	#	0.00
76) Chrysene-d12	21.437	240	533825	20.000	ng	#	0.00
86) Perylene-d12	23.825	264	589986	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	745920	79.710	ng		0.00
7) Phenol-d6	7.066	99	932708	76.756	ng		0.00
23) Nitrobenzene-d5	9.071	82	980423	80.483	ng		0.00
42) 2,4,6-Tribromophenol	16.031	330	303174	74.489	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	2044045	82.823	ng		0.00
79) Terphenyl-d14	19.883	244	2118199	74.970	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	141194m	34.939	ng		
3) Pyridine	3.710	79	460065	44.504	ng	#	75
4) n-Nitrosodimethylamine	3.620	42	152380	28.798	ng	#	24
6) Aniline	7.224	93	523215	37.973	ng		91
8) 2-Chlorophenol	7.472	128	368823	36.933	ng	#	76
9) Benzaldehyde	7.021	77	252320	39.093	ng		99
10) Phenol	7.089	94	484619	39.671	ng		87
11) bis(2-Chloroethyl)ether	7.314	93	387782	40.908	ng		91
12) 1,3-Dichlorobenzene	7.787	146	433950	37.910	ng		97
13) 1,4-Dichlorobenzene	7.945	146	423870	36.218	ng		95
14) 1,2-Dichlorobenzene	8.260	146	422717	37.487	ng		96
15) Benzyl Alcohol	8.147	79	352670	36.478	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.440	45	414287	30.780	ng		84
17) 2-Methylphenol	8.350	107	317748	38.255	ng	#	92
18) Hexachloroethane	8.981	117	161701	37.896	ng	#	89
19) n-Nitroso-di-n-propyla...	8.711	70	307145	40.275	ng	#	82
20) 3+4-Methylphenols	8.665	107	425951	36.980	ng		97
22) Acetophenone	8.733	105	568554	37.310	ng	#	83
24) Nitrobenzene	9.093	77	418107	36.317	ng		96
25) Isophorone	9.634	82	725351	39.236	ng		99
26) 2-Nitrophenol	9.814	139	192252	38.805	ng		95
27) 2,4-Dimethylphenol	9.882	122	323636	41.121	ng		94
28) bis(2-Chloroethoxy)met...	10.107	93	471347	38.145	ng		98
29) 2,4-Dichlorophenol	10.355	162	343063	38.736	ng		98
30) 1,2,4-Trichlorobenzene	10.580	180	406977	40.501	ng		98
31) Naphthalene	10.760	128	1185948	37.996	ng		99
32) Benzoic acid	10.017	122	232583	39.546	ng	#	87
33) 4-Chloroaniline	10.873	127	462335	37.732	ng	#	89
34) Hexachlorobutadiene	11.053	225	252639	38.025	ng		98
35) Caprolactam	11.639	113	96506	36.440	ng	#	70
36) 4-Chloro-3-methylphenol	11.999	107	370423	35.460	ng		86
37) 2-Methylnaphthalene	12.382	142	754233	35.962	ng		96
38) 1-Methylnaphthalene	12.585	142	750579	36.528	ng		99
40) 1,2,4,5-Tetrachloroben...	12.743	216	443435	43.696	ng		98
41) Hexachlorocyclopentadiene	12.720	237	235693	38.932	ng		96
43) 2,4,6-Trichlorophenol	12.968	196	258535	38.090	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	284519	38.984	ng	#	85
46) 1,1'-Biphenyl	13.373	154	994704	38.268	ng		99
47) 2-Chloronaphthalene	13.418	162	795081	40.054	ng		99
48) 2-Nitroaniline	13.621	65	230270	36.614	ng	#	69
49) Acenaphthylene	14.252	152	1109816	35.860	ng		99
50) Dimethylphthalate	14.004	163	953876	38.230	ng		98
51) 2,6-Dinitrotoluene	14.117	165	203864	40.914	ng	#	73
52) Acenaphthene	14.612	154	758090	39.774	ng		99
53) 3-Nitroaniline	14.432	138	202869	36.814	ng		95
54) 2,4-Dinitrophenol	14.657	184	104306	34.426	ng	#	60
55) Dibenzofuran	14.927	168	1075605	34.773	ng		91
56) 4-Nitrophenol	14.747	139	169092	37.844	ng	#	66
57) 2,4-Dinitrotoluene	14.905	165	249843	37.251	ng	#	58
58) Fluorene	15.581	166	945189	39.024	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	233543	36.634	ng	#	34
60) Diethylphthalate	15.355	149	1034216	41.534	ng		97
61) 4-Chlorophenyl-phenyle...	15.581	204	524850	42.672	ng		97
62) 4-Nitroaniline	15.603	138	210333	37.007	ng		81
63) Azobenzene	15.874	77	922262	37.492	ng		82
65) 4,6-Dinitro-2-methylph...	15.671	198	140338	36.958	ng	#	45
66) n-Nitrosodiphenylamine	15.783	169	742810	38.960	ng		99
67) 4-Bromophenyl-phenylether	16.482	248	250085	37.588	ng	#	77
68) Hexachlorobenzene	16.594	284	313420	42.167	ng	#	88
69) Atrazine	16.729	200	220445	34.327	ng		96
70) Pentachlorophenol	16.932	266	207002	44.693	ng		98
71) Phenanthrene	17.315	178	1380369	39.738	ng		99
72) Anthracene	17.405	178	1373247	40.858	ng		99
73) Carbazole	17.676	167	1416976	42.513	ng		100
74) Di-n-butylphthalate	18.239	149	1508307	41.768	ng		99
75) Fluoranthene	19.320	202	1344683	34.662	ng		93
77) Benzidine	19.500	184	432990	39.006	ng		100
78) Pyrene	19.680	202	1377258	39.052	ng		99
80) Butylbenzylphthalate	20.581	149	816274	57.667	ng		89
81) Benzo(a)anthracene	21.437	228	1412084	40.863	ng		100
82) 3,3'-Dichlorobenzidine	21.370	252	447289	36.744	ng	#	95
83) Chrysene	21.482	228	1685761m	50.375	ng		
84) Bis(2-ethylhexyl)phtha...	21.347	149	655176	32.635	ng	#	94
85) Di-n-octyl phthalate	22.271	149	1713652	50.940	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.325	276	1733465	40.303	ng		100
88) Benzo(b)fluoranthene	23.104	252	1690429m	47.425	ng		
89) Benzo(k)fluoranthene	23.149	252	1364254m	37.766	ng		
90) Benzo(a)pyrene	23.712	252	1253073	41.621	ng	#	97
91) Dibenzo(a,h)anthracene	26.325	278	1426557	39.451	ng		96
92) Benzo(g,h,i)perylene	27.091	276	1409869	39.955	ng		98

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

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