Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
Data File : BM034025.D
Acq On : 09 Feb 2022 12:57
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 09 16:43:38 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 :
SSTDICC010

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	125681	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	471241	20.000	ng	#	0.00
39) Acenaphthene-d10	14.545	164	275284	20.000	ng		0.00
64) Phenanthrene-d10	17.270	188	534015	20.000	ng	#	0.00
76) Chrysene-d12	21.437	240	570590	20.000	ng	#	0.00
86) Perylene-d12	23.825	264	588854	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	165233	21.392	ng		0.00
7) Phenol-d6	7.044	99	187595	18.703	ng		-0.02
23) Nitrobenzene-d5	9.048	82	198454	20.118	ng		-0.02
42) 2,4,6-Tribromophenol	16.031	330	55459	16.573	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	422290	20.812	ng		0.00
79) Terphenyl-d14	19.883	244	536365	17.760	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	34220m	10.259	ng		
3) Pyridine	3.710	79	104297	12.223	ng	#	82
4) n-Nitrosodimethylamine	3.620	42	37148	8.505	ng	#	32
6) Aniline	7.224	93	108353	9.527	ng	#	89
8) 2-Chlorophenol	7.449	128	80125	9.720	ng		100
9) Benzaldehyde	7.021	77	58106	10.907	ng		97
10) Phenol	7.089	94	95577	9.479	ng		87
11) bis(2-Chloroethyl)ether	7.314	93	87133	11.136	ng		90
12) 1,3-Dichlorobenzene	7.787	146	97526	10.322	ng		96
13) 1,4-Dichlorobenzene	7.945	146	92493	9.575	ng		94
14) 1,2-Dichlorobenzene	8.260	146	93254	10.019	ng		97
15) Benzyl Alcohol	8.125	79	73059	9.155	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	90393	8.136	ng		82
17) 2-Methylphenol	8.350	107	63558	9.270	ng	#	90
18) Hexachloroethane	8.981	117	34119	9.687	ng		91
19) n-Nitroso-di-n-propyla...	8.711	70	61601	9.786	ng	#	78
20) 3+4-Methylphenols	8.666	107	86865	9.136	ng		96
22) Acetophenone	8.733	105	117224	9.499	ng	#	83
24) Nitrobenzene	9.094	77	95227	10.214	ng		98
25) Isophorone	9.634	82	146127	9.761	ng		97
26) 2-Nitrophenol	9.814	139	34502	8.600	ng		96
27) 2,4-Dimethylphenol	9.882	122	65838	10.330	ng		97
28) bis(2-Chloroethoxy)met...	10.107	93	98013	9.795	ng		98
29) 2,4-Dichlorophenol	10.355	162	67895	9.467	ng		98
30) 1,2,4-Trichlorobenzene	10.580	180	85635	10.524	ng		98
31) Naphthalene	10.760	128	254479	10.068	ng		99
32) Benzoic acid	9.949	122	28700	6.026	ng		96
33) 4-Chloroaniline	10.873	127	94500	9.524	ng	#	89
34) Hexachlorobutadiene	11.053	225	55512	10.318	ng		97
35) Caprolactam	11.639	113	16425	7.659	ng	#	53
36) 4-Chloro-3-methylphenol	11.999	107	70054	8.281	ng	#	84
37) 2-Methylnaphthalene	12.360	142	157390	9.267	ng		99
38) 1-Methylnaphthalene	12.585	142	163636	9.834	ng		100
40) 1,2,4,5-Tetrachloroben...	12.743	216	92855	11.129	ng		98
41) Hexachlorocyclopentadiene	12.720	237	45494	9.140	ng		97
43) 2,4,6-Trichlorophenol	12.968	196	50004	8.960	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	58336	9.722	ng	#	85
46) 1,1'-Biphenyl	13.373	154	224865	10.522	ng		99
47) 2-Chloronaphthalene	13.418	162	177100	10.851	ng		100
48) 2-Nitroaniline	13.621	65	42313	8.183	ng	#	75
49) Acenaphthylene	14.252	152	231680	9.105	ng		98
50) Dimethylphthalate	14.004	163	184457	8.992	ng		98
51) 2,6-Dinitrotoluene	14.117	165	37764	9.218	ng	#	68
52) Acenaphthene	14.612	154	152029	9.702	ng		98
53) 3-Nitroaniline	14.432	138	40668	8.976	ng		100
54) 2,4-Dinitrophenol	14.635	184	17534	7.039	ng	#	77
55) Dibenzofuran	14.928	168	239348	9.411	ng		92
56) 4-Nitrophenol	14.747	139	28896	7.866	ng	#	74
57) 2,4-Dinitrotoluene	14.905	165	42867	7.774	ng	#	59
58) Fluorene	15.581	166	212286	10.660	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.153	232	48313	9.218	ng		98
60) Diethylphthalate	15.355	149	213429	10.425	ng		100
61) 4-Chlorophenyl-phenyle...	15.581	204	109776	10.856	ng		96
62) 4-Nitroaniline	15.581	138	35712	7.642	ng		91
63) Azobenzene	15.874	77	195763	9.680	ng		79
65) 4,6-Dinitro-2-methylph...	15.648	198	25426	7.742	ng		89
66) n-Nitrosodiphenylamine	15.783	169	172947	10.488	ng		99
67) 4-Bromophenyl-phenylether	16.482	248	53430	9.285	ng	#	77
68) Hexachlorobenzene	16.594	284	69244	10.772	ng	#	83
69) Atrazine	16.730	200	53978	9.719	ng		97
70) Pentachlorophenol	16.932	266	36759	9.177	ng		96
71) Phenanthrene	17.315	178	329993	10.984	ng		99
72) Anthracene	17.405	178	315258	10.846	ng		99
73) Carbazole	17.676	167	310848	10.784	ng		99
74) Di-n-butylphthalate	18.239	149	322344	10.321	ng		99
75) Fluoranthene	19.320	202	324944	9.685	ng		95
77) Benzidine	19.500	184	96267	8.113	ng		99
78) Pyrene	19.680	202	323461	8.581	ng		99
80) Butylbenzylphthalate	20.581	149	162766	10.758	ng		89
81) Benzo(a)anthracene	21.437	228	332350	8.998	ng		99
82) 3,3'-Dichlorobenzidine	21.370	252	91515	7.033	ng	#	97
83) Chrysene	21.482	228	363612m	10.166	ng		
84) Bis(2-ethylhexyl)phtha...	21.347	149	127345	5.935	ng	#	93
85) Di-n-octyl phthalate	22.271	149	361756	10.061	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.303	276	423329	9.861	ng		99
88) Benzo(b)fluoranthene	23.104	252	403577m	11.344	ng		
89) Benzo(k)fluoranthene	23.149	252	315114m	8.740	ng		
90) Benzo(a)pyrene	23.712	252	290377	9.664	ng	#	97
91) Dibenzo(a,h)anthracene	26.325	278	347640	9.632	ng		97
92) Benzo(g,h,i)perylene	27.069	276	344545	9.783	ng		98

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

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