Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034039.D
Acq On : 22 Feb 2022 15:01
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 22 16:03:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:00:49 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	264081	20.000	ng		0.00
21) Naphthalene-d8	10.836	136	1076962	20.000	ng	#	0.00
39) Acenaphthene-d10	14.654	164	717781	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1432885	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	1378759	20.000	ng		0.00
86) Perylene-d12	24.024	264	1344196	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	1190952	73.022	ng		0.00
7) Phenol-d6	7.172	99	1591140	80.028	ng		0.00
23) Nitrobenzene-d5	9.184	82	1601681	69.857	ng		0.00
42) 2,4,6-Tribromophenol	16.136	330	666673	83.905	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	4294702	78.557	ng		0.00
79) Terphenyl-d14	20.012	244	6185791	88.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	224521	34.043	ng		89
3) Pyridine	3.837	79	645034m	32.653	ng		
4) n-Nitrosodimethylamine	3.743	42	319302	44.812	ng	#	76
6) Aniline	7.337	93	879481	39.085	ng		93
8) 2-Chlorophenol	7.584	128	684345	42.164	ng		83
9) Benzaldehyde	7.148	77	397555	34.914	ng		89
10) Phenol	7.196	94	779208	38.012	ng		92
11) bis(2-Chloroethyl)ether	7.437	93	619038	37.009	ng		90
12) 1,3-Dichlorobenzene	7.913	146	786645	40.635	ng	#	93
13) 1,4-Dichlorobenzene	8.060	146	800213	42.819	ng		95
14) 1,2-Dichlorobenzene	8.378	146	784741	41.730	ng		95
15) Benzyl Alcohol	8.254	79	614682	40.133	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.560	45	826854	45.874	ng		96
17) 2-Methylphenol	8.460	107	555163	41.510	ng		94
18) Hexachloroethane	9.119	117	275397	38.985	ng	#	89
19) n-Nitroso-di-n-propyla...	8.837	70	513596	40.034	ng	#	91
20) 3+4-Methylphenols	8.790	107	764511	41.445	ng		94
22) Acetophenone	8.848	105	1034352	38.405	ng	#	91
24) Nitrobenzene	9.225	77	738231	36.044	ng	#	90
25) Isophorone	9.760	82	1293404	38.639	ng	#	94
26) 2-Nitrophenol	9.942	139	363670	41.917	ng	#	78
27) 2,4-Dimethylphenol	10.001	122	563752	37.151	ng		91
28) bis(2-Chloroethoxy)met...	10.242	93	861007	38.916	ng	#	97
29) 2,4-Dichlorophenol	10.478	162	705742	44.377	ng		96
30) 1,2,4-Trichlorobenzene	10.701	180	802495	41.533	ng		98
31) Naphthalene	10.889	128	2181142	38.960	ng		99
32) Benzoic acid	10.131	122	434210	42.932	ng	#	85
33) 4-Chloroaniline	10.989	127	905518	41.300	ng	#	88
34) Hexachlorobutadiene	11.189	225	514052	41.796	ng		98
35) Caprolactam	11.766	113	140217	31.615	ng	#	68
36) 4-Chloro-3-methylphenol	12.107	107	691826	39.887	ng	#	83
37) 2-Methylnaphthalene	12.495	142	1594862	44.658	ng		96
38) 1-Methylnaphthalene	12.713	142	1559144	43.723	ng		99
40) 1,2,4,5-Tetrachloroben...	12.860	216	916196	38.289	ng	#	97
41) Hexachlorocyclopentadiene	12.848	237	551432	44.155	ng		99
43) 2,4,6-Trichlorophenol	13.095	196	583542	42.385	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.160	196	585205	37.783	ng	#	91
46)	1,1'-Biphenyl	13.495	154	2172844	39.537	ng		97
47)	2-Chloronaphthalene	13.536	162	1704847	38.648	ng		95
48)	2-Nitroaniline	13.730	65	427057	35.414	ng	#	76
49)	Acenaphthylene	14.377	152	2565084	42.512	ng		99
50)	Dimethylphthalate	14.113	163	2078825	40.417	ng		99
51)	2,6-Dinitrotoluene	14.225	165	428770	40.200	ng	#	81
52)	Acenaphthene	14.719	154	1686099	40.749	ng		99
53)	3-Nitroaniline	14.548	138	432722	40.579	ng		83
54)	2,4-Dinitrophenol	14.748	184	204675	35.978	ng	#	80
55)	Dibenzofuran	15.054	168	2609578	43.609	ng		98
56)	4-Nitrophenol	14.842	139	353487	38.148	ng	#	77
57)	2,4-Dinitrotoluene	15.007	165	564873	42.660	ng	#	75
58)	Fluorene	15.701	166	2104030	39.955	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.271	232	579946	45.930	ng		91
60)	Diethylphthalate	15.477	149	2092871	37.999	ng		99
61)	4-Chlorophenyl-phenyle...	15.695	204	1118762	38.632	ng		95
62)	4-Nitroaniline	15.707	138	456572	41.473	ng	#	82
63)	Azobenzene	15.989	77	1838292	35.542	ng		91
65)	4,6-Dinitro-2-methylph...	15.766	198	342356	41.727	ng	#	72
66)	n-Nitrosodiphenylamine	15.907	169	1814408	40.661	ng		99
67)	4-Bromophenyl-phenylether	16.589	248	618921	41.066	ng		92
68)	Hexachlorobenzene	16.707	284	732471	38.889	ng		91
69)	Atrazine	16.854	200	621517	46.092	ng		96
70)	Pentachlorophenol	17.042	266	473884	40.913	ng		99
71)	Phenanthrene	17.436	178	3165555	38.165	ng		99
72)	Anthracene	17.530	178	3118894	38.426	ng		99
73)	Carbazole	17.789	167	2929152	35.556	ng		99
74)	Di-n-butylphthalate	18.365	149	3463592	39.018	ng		99
75)	Fluoranthene	19.448	202	3566499	43.461	ng		98
77)	Benzidine	19.624	184	1252266	50.843	ng		99
78)	Pyrene	19.806	202	3633410	41.320	ng		99
80)	Butylbenzylphthalate	20.706	149	1498448	29.678	ng		87
81)	Benzo(a)anthracene	21.548	228	3568736	37.519	ng		98
82)	3,3'-Dichlorobenzidine	21.477	252	1252996	49.057	ng		98
83)	Chrysene	21.606	228	3414031	33.016	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.489	149	2348941	58.015	ng	#	98
85)	Di-n-octyl phthalate	22.436	149	3742859	33.500	ng	#	91
87)	Indeno(1,2,3-cd)pyrene	26.606	276	3870857	39.594	ng		97
88)	Benzo(b)fluoranthene	23.277	252	3353900	36.657	ng		98
89)	Benzo(k)fluoranthene	23.330	252	3404144m	44.914	ng		
90)	Benzo(a)pyrene	23.918	252	2813974	40.180	ng		99
91)	Dibenzo(a,h)anthracene	26.630	278	3247027	40.420	ng		98
92)	Benzo(g,h,i)perylene	27.406	276	3152781	39.230	ng		98

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

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