Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110221\
Data File : BM032849.D
Acq On : 02 Nov 2021 12:43
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 02 14:35:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 14:32:54 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152	145673	20.000	ng		0.00
21) Naphthalene-d8	10.278	136	644956	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	447865	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	932122	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	890275	20.000	ng		0.00
86) Perylene-d12	23.188	264	866093	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	346985	43.617	ng		0.00
7) Phenol-d6	6.695	99	512953	41.068	ng		0.00
23) Nitrobenzene-d5	8.648	82	477644	38.066	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	206635	42.632	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	1203112	41.024	ng		0.00
79) Terphenyl-d14	19.518	244	1804702	41.864	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	72119	30.375	ng		89
3) Pyridine	3.325	79	199438	26.590	ng		90
4) n-Nitrosodimethylamine	3.243	42	83788	25.947	ng	#	66
6) Aniline	6.825	93	283931	20.237	ng		92
8) 2-Chlorophenol	7.066	128	199125	20.619	ng		94
9) Benzaldehyde	6.631	77	146449	19.672	ng		84
10) Phenol	6.719	94	243592	20.227	ng		87
11) bis(2-Chloroethyl)ether	6.919	93	190732	19.741	ng		95
12) 1,3-Dichlorobenzene	7.384	146	220794	20.638	ng	#	91
13) 1,4-Dichlorobenzene	7.525	146	223640	20.437	ng		98
14) 1,2-Dichlorobenzene	7.848	146	223637	20.530	ng		97
15) Benzyl Alcohol	7.742	79	180117	20.035	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.031	45	278849	19.026	ng		97
17) 2-Methylphenol	7.960	107	171096	20.269	ng	#	92
18) Hexachloroethane	8.572	117	79715	19.037	ng		90
19) n-Nitroso-di-n-propyla...	8.301	70	158873	20.076	ng		88
20) 3+4-Methylphenols	8.289	107	239145	20.795	ng		97
22) Acetophenone	8.313	105	324744	20.089	ng	#	91
24) Nitrobenzene	8.689	77	228190	19.099	ng	#	90
25) Isophorone	9.207	82	421071	19.467	ng		97
26) 2-Nitrophenol	9.401	139	104428	19.130	ng	#	77
27) 2,4-Dimethylphenol	9.478	122	174567	20.422	ng		96
28) bis(2-Chloroethoxy)met...	9.695	93	282615	20.141	ng		100
29) 2,4-Dichlorophenol	9.936	162	203343	21.029	ng		96
30) 1,2,4-Trichlorobenzene	10.148	180	222222	20.297	ng		98
31) Naphthalene	10.325	128	676769	20.173	ng		100
32) Benzoic acid	9.630	122	132664	19.728	ng	#	85
33) 4-Chloroaniline	10.442	127	282829	20.535	ng	#	94
34) Hexachlorobutadiene	10.630	225	136699	20.348	ng		97
35) Caprolactam	11.195	113	66836	20.308	ng	#	84
36) 4-Chloro-3-methylphenol	11.589	107	229770	20.781	ng		96
37) 2-Methylnaphthalene	11.948	142	474159m	20.534	ng		
38) 1-Methylnaphthalene	12.172	142	474099	20.869	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.330	216	253017	20.165	ng	#	96
41) Hexachlorocyclopentadiene	12.319	237	130874	18.538	ng		98
43) 2,4,6-Trichlorophenol	12.583	196	175827	20.339	ng		95

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44) 2,4,5-Trichlorophenol	12.654	196	193784	20.660	ng	#	91
46) 1,1'-Biphenyl	12.977	154	656065	20.042	ng		99
47) 2-Chloronaphthalene	13.019	162	501922	19.996	ng		98
48) 2-Nitroaniline	13.230	65	148471	19.080	ng	#	80
49) Acenaphthylene	13.871	152	816024	20.276	ng		100
50) Dimethylphthalate	13.613	163	660053	20.665	ng		100
51) 2,6-Dinitrotoluene	13.724	165	135601	20.462	ng	#	69
52) Acenaphthene	14.218	154	483093	20.103	ng		98
53) 3-Nitroaniline	14.060	138	146704	20.117	ng		93
54) 2,4-Dinitrophenol	14.265	184	72514	18.364	ng	#	71
55) Dibenzofuran	14.554	168	817822	20.433	ng		93
56) 4-Nitrophenol	14.389	139	120052	20.475	ng	#	71
57) 2,4-Dinitrotoluene	14.524	165	185213	20.734	ng	#	60
58) Fluorene	15.201	166	620460	20.783	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	171634	20.539	ng	#	85
60) Diethylphthalate	14.983	149	664802	20.845	ng		97
61) 4-Chlorophenyl-phenyle...	15.201	204	318089	20.267	ng		93
62) 4-Nitroaniline	15.230	138	154839	20.668	ng	#	74
63) Azobenzene	15.489	77	646695	19.987	ng		88
65) 4,6-Dinitro-2-methylph...	15.289	198	113641	20.224	ng	#	80
66) n-Nitrosodiphenylamine	15.412	169	564403	20.623	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	196997	20.633	ng		91
68) Hexachlorobenzene	16.218	284	214589	20.387	ng	#	85
69) Atrazine	16.365	200	190033	21.192	ng		94
70) Pentachlorophenol	16.559	266	135242	20.657	ng		98
71) Phenanthrene	16.930	178	1027558	20.705	ng		100
72) Anthracene	17.024	178	1011229	20.728	ng		100
73) Carbazole	17.295	167	1008437	20.903	ng		97
74) Di-n-butylphthalate	17.854	149	1106361	21.265	ng	#	97
75) Fluoranthene	18.948	202	1182080	21.073	ng		98
77) Benzidine	19.136	184	468464	21.622	ng		99
78) Pyrene	19.312	202	1221858	20.052	ng		99
80) Butylbenzylphthalate	20.218	149	488935	20.487	ng	#	88
81) Benzo(a)anthracene	21.059	228	1169410	20.506	ng		100
82) 3,3'-Dichlorobenzidine	20.994	252	378028	22.038	ng		100
83) Chrysene	21.112	228	1149691	20.708	ng		100
84) Bis(2-ethylhexyl)phtha...	20.994	149	672867	21.262	ng	#	94
85) Di-n-octyl phthalate	21.830	149	1142491	20.817	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.271	276	1081140	19.951	ng		96
88) Benzo(b)fluoranthene	22.565	252	1071862	20.624	ng		98
89) Benzo(k)fluoranthene	22.606	252	1095224	20.622	ng		99
90) Benzo(a)pyrene	23.094	252	902036	20.663	ng		99
91) Dibenzo(a,h)anthracene	25.271	278	905296	20.065	ng	#	96
92) Benzo(g,h,i)perylene	25.906	276	878732	19.537	ng	#	95

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

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