Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028129.D
Acq On : 15 Dec 2020 16:20
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
12/17/2020 9:54:10 AM

Quant Time: Dec 16 00:47:32 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 00:46:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.216	152	103846	20.00	ng		0.00
21) Naphthalene-d8	11.045	136	441422	20.00	ng		# 0.00
39) Acenaphthene-d10	14.839	164	272046	20.00	ng		0.00
64) Phenanthrene-d10	17.557	188	585490	20.00	ng		# 0.00
76) Chrysene-d12	21.668	240	646907	20.00	ng		# 0.00
86) Perylene-d12	24.038	264	701072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.704	112	63048	9.59	ng		0.00
7) Phenol-d6	7.345	99	86867	9.40	ng		-0.01
23) Nitrobenzene-d5	9.386	82	81469	8.42	ng		-0.01
42) 2,4,6-Tribromophenol	16.310	330	29919	9.21	ng		0.00
45) 2-Fluorobiphenyl	13.469	172	201113	10.55	ng		0.00
79) Terphenyl-d14	20.127	244	328666	10.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.457	88	14550	5.16	ng	#	71
3) Pyridine	3.910	79	36750	4.54	ng	#	47
4) n-Nitrosodimethylamine	3.804	42	21521	4.29	ng	#	51
6) Aniline	7.522	93	49606	4.76	ng		96
8) 2-Chlorophenol	7.769	128	35756	5.42	ng		96
9) Benzaldehyde	7.334	77	28591	6.01	ng	#	81
10) Phenol	7.375	94	41657	4.77	ng		87
11) bis(2-Chloroethyl)ether	7.622	93	35217	5.25	ng		86
12) 1,3-Dichlorobenzene	8.104	146	43591m	5.41	ng		
13) 1,4-Dichlorobenzene	8.251	146	43944	5.43	ng		98
14) 1,2-Dichlorobenzene	8.575	146	41482	5.39	ng		97
15) Benzyl Alcohol	8.451	79	30223	4.09	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.751	45	65629	6.12	ng		70
17) 2-Methylphenol	8.651	107	28017	4.77	ng		92
18) Hexachloroethane	9.316	117	15349	4.79	ng		93
19) n-Nitroso-di-n-propyla...	9.022	70	26326	4.36	ng	#	57
20) 3+4-Methylphenols	8.981	107	37238	4.77	ng		88
22) Acetophenone	9.045	105	54207	4.32	ng	#	86
24) Nitrobenzene	9.434	77	40363	4.06	ng	#	89
25) Isophorone	9.957	82	63512	3.78	ng		94
26) 2-Nitrophenol	10.145	139	14780	4.51	ng		87
27) 2,4-Dimethylphenol	10.198	122	28468	4.43	ng		84
28) bis(2-Chloroethoxy)met...	10.433	93	50443	4.99	ng		97
29) 2,4-Dichlorophenol	10.680	162	30373	4.37	ng		97
30) 1,2,4-Trichlorobenzene	10.904	180	38900	4.59	ng		96
31) Naphthalene	11.092	128	118891	5.10	ng		99
32) Benzoic acid	10.251	122	16824	4.45	ng	#	83
33) 4-Chloroaniline	11.192	127	49096	4.78	ng		94
34) Hexachlorobutadiene	11.375	225	23718	4.32	ng		92
35) Caprolactam	11.945	113	8752	3.77	ng	#	54
36) 4-Chloro-3-methylphenol	12.292	107	33137	4.10	ng		95
37) 2-Methylnaphthalene	12.686	142	82312	4.97	ng		97
38) 1-Methylnaphthalene	12.904	142	80098	5.10	ng		96
40) 1,2,4,5-Tetrachloroben...	13.051	216	40507	4.71	ng		98
41) Hexachlorocyclopentadiene	13.027	237	17143	3.67	ng		98
43) 2,4,6-Trichlorophenol	13.280	196	23983	4.29	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.345	196	26218	4.38	ng		96
46) 1,1'-Biphenyl	13.680	154	108751	5.23	ng		99
47) 2-Chloronaphthalene	13.727	162	87653	5.09	ng		99
48) 2-Nitroaniline	13.916	65	22446	3.87	ng		98
49) Acenaphthylene	14.563	152	123494	4.75	ng		99
50) Dimethylphthalate	14.280	163	107880	4.95	ng	#	99
51) 2,6-Dinitrotoluene	14.404	165	19903	4.65	ng		93
52) Acenaphthene	14.904	154	87332	5.12	ng		96
53) 3-Nitroaniline	14.733	138	21493	4.43	ng		87
55) Dibenzofuran	15.233	168	129203	5.09	ng		99
56) 4-Nitrophenol	15.015	139	17122	4.35	ng		84
57) 2,4-Dinitrotoluene	15.180	165	24380	4.20	ng		91
58) Fluorene	15.874	166	104619	5.03	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.451	232	23776m	4.53	ng		
60) Diethylphthalate	15.627	149	106357	4.79	ng		97
61) 4-Chlorophenyl-phenyle...	15.863	204	53149	4.97	ng		96
62) 4-Nitroaniline	15.874	138	22827	4.15	ng	#	84
63) Azobenzene	16.151	77	93896	4.08	ng		88
66) n-Nitrosodiphenylamine	16.068	169	88761	5.02	ng		98
67) 4-Bromophenyl-phenylether	16.751	248	31827	5.08	ng		95
68) Hexachlorobenzene	16.868	284	37299	5.14	ng		92
69) Atrazine	17.004	200	28106	4.70	ng		96
70) Pentachlorophenol	17.204	266	16623	4.22	ng		94
71) Phenanthrene	17.598	178	171039	5.18	ng		100
72) Anthracene	17.692	178	157871	4.89	ng		97
73) Carbazole	17.951	167	150325	4.90	ng		99
74) Di-n-butylphthalate	18.492	149	165240	4.58	ng		99
75) Fluoranthene	19.580	202	191340	4.93	ng		96
77) Benzidine	19.756	184	79678	4.33	ng		100
78) Pyrene	19.939	202	202081	4.50	ng		99
80) Butylbenzylphthalate	20.803	149	73163	4.31	ng		96
81) Benzo(a)anthracene	21.656	228	208088	4.76	ng		99
82) 3,3'-Dichlorobenzidine	21.580	252	63936	4.27	ng	#	96
83) Chrysene	21.709	228	207826	4.93	ng		100
84) Bis(2-ethylhexyl)phtha...	21.562	149	105363	4.24	ng		96
85) Di-n-octyl phthalate	22.474	149	181473	4.33	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.468	276	231307	4.51	ng	#	89
88) Benzo(b)fluoranthene	23.315	252	213082	4.46	ng	#	96
89) Benzo(k)fluoranthene	23.368	252	217772	4.79	ng	#	95
90) Benzo(a)pyrene	23.933	252	197295	4.47	ng	#	97
91) Dibenzo(a,h)anthracene	26.479	278	192552	4.59	ng	#	94
92) Benzo(g,h,i)perylene	27.221	276	183581	4.48	ng	#	88

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

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