Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028136.D
Acq On : 15 Dec 2020 20:34
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICV040

Quant Time: Dec 16 02:01:01 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 01:58:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.216	152	187689	20.00	ng		0.00
21) Naphthalene-d8	11.045	136	813806	20.00	ng		# 0.00
39) Acenaphthene-d10	14.839	164	509741	20.00	ng		0.00
64) Phenanthrene-d10	17.556	188	1085125	20.00	ng		# 0.00
76) Chrysene-d12	21.674	240	1049017	20.00	ng		# 0.00
86) Perylene-d12	24.038	264	945418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.710	112	816227	71.66	ng		0.00
7) Phenol-d6	7.357	99	1200238	73.80	ng		0.00
23) Nitrobenzene-d5	9.392	82	1165276	71.06	ng		0.00
42) 2,4,6-Tribromophenol	16.315	330	496086	73.31	ng		0.00
45) 2-Fluorobiphenyl	13.474	172	2686192	68.51	ng		0.00
79) Terphenyl-d14	20.133	244	4002172	69.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	159514	34.24	ng	#	68
3) Pyridine	3.893	79	480651	35.98	ng	#	51
4) n-Nitrosodimethylamine	3.799	42	247317	34.66	ng	#	63
6) Aniline	7.528	93	671246	36.75	ng		98
8) 2-Chlorophenol	7.769	128	477403	36.43	ng		97
9) Benzaldehyde	7.334	77	303716	33.42	ng		85
10) Phenol	7.381	94	568861	36.82	ng		86
11) bis(2-Chloroethyl)ether	7.622	93	462245	35.82	ng		91
12) 1,3-Dichlorobenzene	8.104	146	549044	35.66	ng	#	92
13) 1,4-Dichlorobenzene	8.251	146	556872	35.70	ng		98
14) 1,2-Dichlorobenzene	8.575	146	536755	35.70	ng		98
15) Benzyl Alcohol	8.457	79	436853	37.90	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.751	45	825827	35.43	ng		70
17) 2-Methylphenol	8.651	107	401899	37.19	ng	#	88
18) Hexachloroethane	9.316	117	206467	35.55	ng		92
19) n-Nitroso-di-n-propyla...	9.033	70	385725	37.61	ng	#	65
20) 3+4-Methylphenols	8.986	107	555020	38.02	ng		89
22) Acetophenone	9.051	105	736553	35.23	ng	#	88
24) Nitrobenzene	9.439	77	565191	35.33	ng	#	86
25) Isophorone	9.963	82	988715	36.61	ng		96
26) 2-Nitrophenol	10.151	139	263128	37.53	ng	#	82
27) 2,4-Dimethylphenol	10.198	122	395229	35.55	ng		90
28) bis(2-Chloroethoxy)met...	10.439	93	671384	34.62	ng		99
29) 2,4-Dichlorophenol	10.680	162	470414	36.37	ng		99
30) 1,2,4-Trichlorobenzene	10.904	180	519539	34.30	ng		98
31) Naphthalene	11.098	128	1596559	34.83	ng		100
32) Benzoic acid	10.345	122	360512	39.77	ng	#	84
33) 4-Chloroaniline	11.198	127	707010	36.12	ng	#	92
34) Hexachlorobutadiene	11.374	225	303809	33.79	ng		99
35) Caprolactam	11.992	113	169749	40.40	ng	#	56
36) 4-Chloro-3-methylphenol	12.304	107	511806	36.98	ng		92
37) 2-Methylnaphthalene	12.686	142	1149742	35.44	ng		96
38) 1-Methylnaphthalene	12.904	142	1095153	35.46	ng		99
40) 1,2,4,5-Tetrachloroben...	13.051	216	553578	34.24	ng		99
41) Hexachlorocyclopentadiene	13.027	237	293501	35.19	ng		99
43) 2,4,6-Trichlorophenol	13.280	196	393677	36.27	ng		99

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44)	2,4,5-Trichlorophenol	13.351	196	412513	36.23	ng		97
46)	1,1'-Biphenyl	13.680	154	1459837	34.29	ng		99
47)	2-Chloronaphthalene	13.727	162	1188583	34.48	ng		98
48)	2-Nitroaniline	13.921	65	393718	37.59	ng		89
49)	Acenaphthylene	14.568	152	1832025	35.47	ng		100
50)	Dimethylphthalate	14.292	163	1485399	35.11	ng		99
51)	2,6-Dinitrotoluene	14.410	165	324269	36.66	ng		90
52)	Acenaphthene	14.904	154	1240789	35.24	ng		98
53)	3-Nitroaniline	14.739	138	375347	37.51	ng		89
54)	2,4-Dinitrophenol	14.939	184	188931	37.38	ng		94
55)	Dibenzofuran	15.233	168	1736995	34.64	ng		99
56)	4-Nitrophenol	15.027	139	303337	38.34	ng	#	73
57)	2,4-Dinitrotoluene	15.192	165	443017	37.82	ng		90
58)	Fluorene	15.880	166	1441524	35.09	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.451	232	377741	36.15	ng		94
60)	Diethylphthalate	15.639	149	1539049	35.34	ng		98
61)	4-Chlorophenyl-phenyle...	15.862	204	711555	34.68	ng		96
62)	4-Nitroaniline	15.892	138	414905	38.24	ng	#	80
63)	Azobenzene	16.157	77	1422101	35.42	ng		91
65)	4,6-Dinitro-2-methylph...	15.945	198	233959	36.51	ng	#	76
66)	n-Nitrosodiphenylamine	16.074	169	1262856	35.04	ng		98
67)	4-Bromophenyl-phenylether	16.751	248	446124	34.38	ng		96
68)	Hexachlorobenzene	16.874	284	515659	34.73	ng		98
69)	Atrazine	17.009	200	418400	35.87	ng		98
70)	Pentachlorophenol	17.204	266	311281	37.49	ng		99
71)	Phenanthrene	17.604	178	2292952	34.80	ng		99
72)	Anthracene	17.692	178	2248053	35.28	ng		99
73)	Carbazole	17.956	167	2153731	35.84	ng		100
74)	Di-n-butylphthalate	18.492	149	2693037	35.84	ng		99
75)	Fluoranthene	19.586	202	2623216	35.55	ng		97
77)	Benzidine	19.756	184	1074015	40.58	ng		100
78)	Pyrene	19.945	202	2699515	35.54	ng		100
80)	Butylbenzylphthalate	20.803	149	1219241	36.86	ng		99
81)	Benzo(a)anthracene	21.656	228	2531414	35.42	ng		100
82)	3,3'-Dichlorobenzidine	21.580	252	841165	36.49	ng	#	98
83)	Chrysene	21.709	228	2420641	34.98	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.556	149	1724690	36.43	ng	#	96
85)	Di-n-octyl phthalate	22.474	149	2804542	36.55	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	26.485	276	2048448	32.59	ng	#	89
88)	Benzo(b)fluoranthene	23.321	252	2278659	35.38	ng	#	96
89)	Benzo(k)fluoranthene	23.374	252	2308117	36.88	ng	#	96
90)	Benzo(a)pyrene	23.938	252	2056076	35.57	ng	#	96
91)	Dibenzo(a,h)anthracene	26.491	278	1714257	32.69	ng	#	93
92)	Benzo(g,h,i)perylene	27.232	276	1616998	32.27	ng	#	90

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

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