Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029713.D
Acq On : 29 Apr 2021 17:29
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM043021

Quant Time: Apr 29 18:04:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.598	152	68992	20.00	ng		0.00
21) Naphthalene-d8	10.375	136	247680	20.00	ng		# 0.00
39) Acenaphthene-d10	14.245	164	174169	20.00	ng		0.00
64) Phenanthrene-d10	16.992	188	374689	20.00	ng		# 0.00
76) Chrysene-d12	21.180	240	407405	20.00	ng		# 0.00
86) Perylene-d12	23.356	264	396675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.193	112	262040	79.19	ng		0.00
7) Phenol-d6	6.781	99	354559	78.91	ng		0.00
23) Nitrobenzene-d5	8.751	82	346358	80.80	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	226296	81.84	ng		0.00
45) 2-Fluorobiphenyl	12.863	172	1093878	81.45	ng		0.00
79) Terphenyl-d14	19.627	244	1835760	82.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.128	88	53923	42.94	ng		92
3) Pyridine	3.528	79	108572	43.44	ng		96
4) n-Nitrosodimethylamine	3.446	42	53372	42.78	ng		83
6) Aniline	6.934	93	193149	39.89	ng		94
8) 2-Chlorophenol	7.163	128	162013	39.85	ng		94
9) Benzaldehyde	6.745	77	67560	38.50	ng		92
10) Phenol	6.804	94	169105	39.37	ng		96
11) bis(2-Chloroethyl)ether	7.034	93	132004	39.17	ng		93
12) 1,3-Dichlorobenzene	7.487	146	193255	39.21	ng		95
13) 1,4-Dichlorobenzene	7.634	146	199935	39.71	ng		98
14) 1,2-Dichlorobenzene	7.945	146	194764	39.45	ng		96
15) Benzyl Alcohol	7.845	79	124081	39.51	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.122	45	135464	37.11	ng		95
17) 2-Methylphenol	8.045	107	120980	39.47	ng		97
18) Hexachloroethane	8.663	117	68886	39.17	ng	#	87
19) n-Nitroso-di-n-propyla...	8.410	70	116960	40.34	ng		90
20) 3+4-Methylphenols	8.375	107	167283	40.70	ng		98
22) Acetophenone	8.422	105	223181	39.96	ng	#	94
24) Nitrobenzene	8.792	77	171388	39.70	ng		94
25) Isophorone	9.322	82	320485	40.47	ng		97
26) 2-Nitrophenol	9.498	139	92832	41.70	ng		93
27) 2,4-Dimethylphenol	9.569	122	128574	40.51	ng		99
28) bis(2-Chloroethoxy)met...	9.804	93	170047	40.35	ng		100
29) 2,4-Dichlorophenol	10.033	162	181038	41.37	ng		98
30) 1,2,4-Trichlorobenzene	10.245	180	218277	41.05	ng		98
31) Naphthalene	10.428	128	505563	39.90	ng		99
32) Benzoic acid	9.728	122	99612	41.10	ng		93
33) 4-Chloroaniline	10.545	127	197868	40.87	ng		95
34) Hexachlorobutadiene	10.710	225	155605	41.56	ng		97
35) Caprolactam	11.339	113	44534	41.93	ng	#	78
36) 4-Chloro-3-methylphenol	11.680	107	154269	40.77	ng		96
37) 2-Methylnaphthalene	12.045	142	391961	40.23	ng		98
38) 1-Methylnaphthalene	12.269	142	376073	40.52	ng		98
40) 1,2,4,5-Tetrachloroben...	12.421	216	261189	41.08	ng	#	97
41) Hexachlorocyclopentadiene	12.398	237	134405	39.91	ng		99
43) 2,4,6-Trichlorophenol	12.669	196	170576	42.32	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	180408	41.67	ng		95
46) 1,1'-Biphenyl	13.074	154	529327	40.25	ng		98
47) 2-Chloronaphthalene	13.116	162	425863	40.14	ng		98
48) 2-Nitroaniline	13.327	65	89593	40.87	ng		87
49) Acenaphthylene	13.968	152	634272	39.59	ng		99
50) Dimethylphthalate	13.716	163	524229	39.41	ng		99
51) 2,6-Dinitrotoluene	13.833	165	121178	40.22	ng	#	82
52) Acenaphthene	14.310	154	392846	39.57	ng		97
53) 3-Nitroaniline	14.163	138	97199	40.63	ng		90
54) 2,4-Dinitrophenol	14.374	184	72444	39.35	ng	#	78
55) Dibenzofuran	14.645	168	669683	40.04	ng		96
56) 4-Nitrophenol	14.480	139	78750	40.64	ng		90
57) 2,4-Dinitrotoluene	14.627	165	161462	41.15	ng	#	84
58) Fluorene	15.298	166	535160	38.96	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.880	232	167091	41.53	ng	#	89
60) Diethylphthalate	15.086	149	516715	39.71	ng		96
61) 4-Chlorophenyl-phenyle...	15.298	204	305253	39.94	ng		96
62) 4-Nitroaniline	15.327	138	99482	40.91	ng		89
63) Azobenzene	15.592	77	416466	39.12	ng		90
65) 4,6-Dinitro-2-methylph...	15.392	198	110553	42.50	ng		84
66) n-Nitrosodiphenylamine	15.515	169	465452	41.81	ng		100
67) 4-Bromophenyl-phenylether	16.192	248	190957	42.81	ng	#	90
68) Hexachlorobenzene	16.304	284	208791	41.93	ng	#	90
69) Atrazine	16.468	200	179926	41.70	ng		95
70) Pentachlorophenol	16.651	266	128021	43.61	ng		99
71) Phenanthrene	17.033	178	836731	39.63	ng		99
72) Anthracene	17.127	178	844314	40.27	ng		98
73) Carbazole	17.398	167	751670	39.75	ng		98
74) Di-n-butylphthalate	17.968	149	896948	40.14	ng		99
75) Fluoranthene	19.050	202	1030145	39.73	ng		98
77) Benzidine	19.250	184	300891	39.93	ng		99
78) Pyrene	19.415	202	1063544	40.71	ng		99
80) Butylbenzylphthalate	20.327	149	402979	40.44	ng		87
81) Benzo(a)anthracene	21.162	228	1068119	40.30	ng		99
82) 3,3'-Dichlorobenzidine	21.103	252	339511	40.29	ng	#	98
83) Chrysene	21.215	228	1044046	39.69	ng		98
84) Bis(2-ethylhexyl)phtha...	21.103	149	633917	39.92	ng		99
85) Di-n-octyl phthalate	21.968	149	1070962	40.16	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.538	276	1182828	39.39	ng		97
88) Benzo(b)fluoranthene	22.703	252	1062440	40.49	ng		98
89) Benzo(k)fluoranthene	22.750	252	1035147	40.72	ng		99
90) Benzo(a)pyrene	23.262	252	974361	40.58	ng		98
91) Dibenzo(a,h)anthracene	25.550	278	1012660	39.07	ng		97
92) Benzo(g,h,i)perylene	26.209	276	959994	39.24	ng		97

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

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